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24 YEARS OF SUCCESSFUL BUSINESS BUILDING, 1890-1914

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JUN 16 1920

MICHELL'S

JANUARY TO JUNE (Inclusive)—1914

WHOLESALE

PRICE LIST OF

SEEDS

BULBS

PLANTS

GARDEN TOOLS

FERTILIZERS

INSECT

DESTROYERS, Etc.

To be Disseminated
Beginning January, 1914

THE NEW
SCARLET BEDDING
GERANIUM

"Helen Michell"

For particulars see inside cover
page and color plate

The New Scarlet Bedding Geranium
"HELEN MICHELL"

HENRY F. MICHELL, President

FRED'K J. MICHELL, Vice-President

HENRY F. MICHELL CO.

TELEPHONES

BELL—

Lombard 4220

4221

4222

4223

4224

4225

KEYSTONE—

Main 3600

3601



518 Market Street, Philadelphia

Warehouses, 509-511-513 Ludlow Street

Plant Establishment, Torresdale, Pa. (Andalusia Station)

New Scarlet Bedding Geranium

"HELEN MICHELL"

(SEE COLOR PLATE OPPOSITE)

(Name registered with S. A. F. & O. H.)
(Cross-Seeding Jean Viaud X Alphonse Ricard)

We offer \$50.00 in Gold

For the Best 4-inch Pot (single plant)
of this New Geranium in Bloom

TO BE COMPETED FOR AT THE

American Sweet Pea Society's Show

To be held the latter part of JUNE, 1914, in NEW YORK CITY

Full particulars as to date can be had from your
Florist Club Secretary.

This new Geranium is introduced by us as THE BEST COMMERCIAL NOVELTY FOR 1914, and in order to popularize it the first year of its introduction, we are offering the above remarkable prize, hoping that every grower in the land will compete.

The competition is absolutely fair as no plants are disseminated until January, 1914, and no larger plants are then furnished than from 2¼-inch pots. Every one knows how to grow a Geranium, and it can be carried to the Show, avoiding express charges, delays and damages.

Additional Awards to be Made

For the second best plant as above described, THE MICHELL GOLD MEDAL.

For the third best plant, THE MICHELL SILVER MEDAL.

The latter awards will be made to enable some who cannot win the First Prize, of having an opportunity of at least getting a reward for their effort.

This remarkable Geranium was exhibited Spring, 1913, at the National Flower Show, New York City, where it was pronounced the finest Geranium Novelty that was ever seen. In addition, it was awarded the only certificate of merit for new plants exhibited at the Show. This fact alone should insure its being a novelty of sterling worth.

OUR FURTHER CLAIM

for this novelty is, that it surpasses all other Scarlet Geraniums,

- (1.) In brilliancy of color.
- (2.) In size of bloom.
- (3.) In number of clusters to the individual plant.

- (4.) In vigor and strength.
- (5.) In earliness of bloom.
- (6.) In constancy of bloom.
- (7.) In propagating quality no Geranium equals it.
- (8.) In a wonderful ability to retain its brilliancy of color in the hottest of weather.

Each 25c; \$2.50 Dozen; \$15.00 per 100; \$125.00 per 1000.

Single plants mailed free; for mailing dozen lots allow 25c per doz. for postage, larger quantities sent by express. 6 supplied at dozen rate, 25 at 100 rate, 250 at 1000 rate.

NOTE.—Order Sheet will be found following opposite color plate. INDEX to contents of this catalog is on back of color plate.

Read what two of the greatest American Geranium growers have to say about "Helen Michell."

Philadelphia, June 15, 1912.

Gentlemen:

Relative to the new Geranium, "Helen Michell," which was shown to us a few days ago, would say that we consider this variety a GREAT IMPROVEMENT over *Alphonse Ricard*. The flower is borne on a long, stiff stem, is MUCH LARGER than the *Ricard* variety, and the color is superb. It appeared to us to be a very VIGOROUS GROWER and UNUSUALLY FREE. We have known of this variety for the past two years and think it will be one of the grandest bedders in commerce.

Yours truly,

ROBERT CRAIG CO.

White Marsh, Md., June 10, 1912.

Gentlemen:

We take pleasure in assuring you that we were very favorably impressed with the new GERANIUM, "HELEN MICHELL." It certainly possesses merits of exceptional value to the grower, and we are confident it will immediately find its place among the leading class of Geraniums.

Respectfully yours,

R. VINCENT, JR., SONS.

BUSINESS TERMS

We especially invite Charge Accounts. A charge account is more convenient than to remit for each order at the time it is sent us; you pay no more for your goods by reason of this accommodation. As to our responsibility, we refer you to *Dun's* or *Bradstreet's Mercantile Agency*.

When sending your first charge order, refer preferably to some one in either your own or our line of business with whom you have a charge account. This saves many a delay. When sending us your first order accompanied by remittance, we prefer cashier's check or money order, unless cash is sent. This frequently also saves delays.

Net Cash Items

Grain, Clover, Bird and Farm Seeds, also Fertilizers, are handled on very close margins and are sold with no cash discount.

Discounts

On bills for Flower, Vegetable Seeds and Bulbs, a discount of 2% for payment 10 days from receipt of bill may be deducted, if cash accompanies the order. 3% may be deducted on such items. All other goods are strictly net, as are also bills for goods supplied under special quotation unless otherwise agreed upon.

Henry F. Michell Company endeavor to send out only the very best quality of Seeds, Bulbs and Plants, but cannot guarantee results or crops. If customers do not accept goods on the above conditions, they can be returned to us within ten days.

The New Scarlet Bedding Geranium

"HELEN MICHELL"

(For Particulars See Opposite Cover Page)

NOTE: Order Sheet will be found following this Color Plate. The Index to this catalog is on the back of this Color Plate.

Important Notice

To give more Exhibitors an opportunity of winning recognition for their efforts, we have added to our prize offer, and same should read:

FIRST PRIZE
\$50.00 in Gold

SECOND PRIZE
Michell's Gold Medal

THIRD PRIZE
Michell's Silver Medal

for the best single pot (single plant) of the Geranium "Helen Michell" to be exhibited in connection with the Sweet Pea Show of the American Sweet Pea Society in New York, end of June, 1914. Full particulars can be had later.

Prices to the Florist Trade:

Delivery beginning in January

From 2 1/4-Inch Pots
Each, 25c; \$2.50 Dozen; 100, \$15.00;
Per 1000, \$125.00
6 at dozen rates, 25 at 100 rate,
250 at 1000 rate

Orders will be filled in the rotation
they are received



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(hexex. sick)

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Henry F. Michell Company endeavor to send out only the very best quality of Seeds, Bulbs and Plants, but cannot guarantee results or crops.
If customers do not accept goods on above conditions, they can be returned to us within ten days.

SPECIAL NOTICE

Fill out Name and Addresses asked for above, carefully, it is always best to write
letters or inquiries on a separate memorandum, NOT on order sheets.

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MADE BY BAKER-VAWTER CO., N. Y.

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ORDER SHEET

FOR MICHELL'S SEEDS, BULBS, PLANTS, Etc.

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Date 191

HENRY F. MICHELL CO., 518 Market St., PHILADELPHIA.

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Ship by SAY HERE, MAIL, EXPRESS, BOAT OR FREIGHT

State

Charge to

Superintendent's
or Gardener's Name FOR PURPOSE OF NOTIFICATION OF SHIPMENT

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DESCRIPTION

PRICE

UNIT

TOTAL

CUSTOMERS:—PLEASE DON'T WRITE IN THESE COLUMNS X OR ✓, FOR ORDER CLERKS

Henry F. Michell Company endeavor to send out only the very best quality of Seeds, Bulbs and Plants, but cannot guarantee results or crops.
If customers do not accept goods on above conditions, they can be returned to us within ten days.

* 599

SPECIAL NOTICE

Fill out Name and Addresses asked for above, carefully, it is always best to write
letters or inquiries on a separate memorandum, NOT on order sheets.

MADE BY BAKER-VAWTER CO. → H2

OVER

Michell's Vegetable Specialties for 1914 ¹

Wax Bean

Sure Crop Stringless. A variety which seems to always produce a good yield, regardless of conditions. The pods are long, slender and very brittle and we would consider it among the best, if not the best Wax Bean on the market to-day. The pods are rich golden yellow, produced in abundance, are practically rustproof. The seed may be planted very early, earlier than most other Wax Beans. The originator, a man who has produced more good varieties of beans than any other, in late years has been improving this strain, until he thinks it good enough now for any one to plant. 20c. per pt. (postpaid 28c.), per qt. 40c. (postpaid 56c.), \$1.50 per 4 qts., per pk. \$2.50, \$9.00 per bu.

New Cabbage "Copenhagen Market"

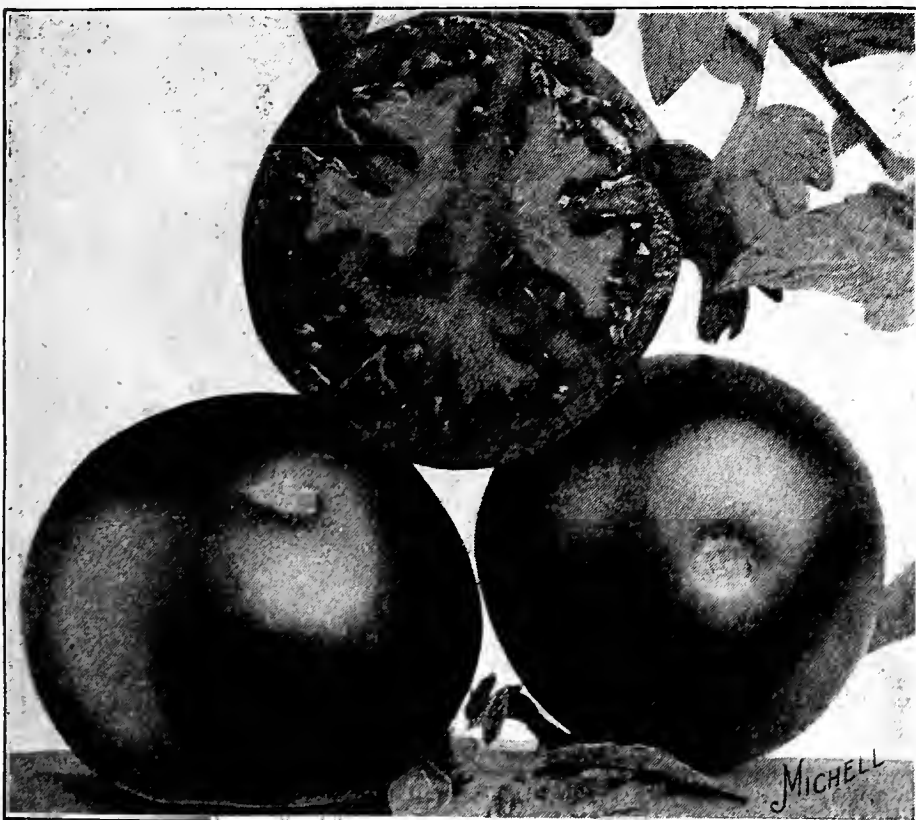
The earliest strictly round head variety in cultivation, all heads of which are ready for cutting at one time if necessary, which to market gardeners is a most important point, as it gives them an opportunity of using their ground for other purposes needed. The loose leaves around a very solid head, which is almost ball-shaped, are light green and rather small. The heads frequently weigh as much as 10 lbs. It combines the most excellent qualities of Danish Ball Head, except that it is almost as early as the Jersey Wakefield and has a fine-grained white interior. 10c. per ½ oz., per oz. 20c., 70c. per ¼ lb., lb. \$2.50.

Celery

New York. This is a large growing, self blanching variety, earlier than White Plume and fully 6 inches taller. It is in reality a cross between White Plume and Golden Self Blanching. The stalks are of an enormous size, very heavy and never pithy, and is recommended as one of the finest Celery for the market gardener, offered in recent years. 8c. pkt., 20c. oz., ¼ lb. 60c., \$2.25 per lb.

Sugar Corn "Early Giant Wonder"

A true sugar corn, combining the earliness of the hybrid kinds with the sweetness of the later varieties. The ears are large, well shaped and the kernels in rather even rows, so that it may readily be eaten from the cob. It is lusciously sweet and a variety that will recommend itself instantly to any one who likes a delicious sugar corn. 30c. per qt. (postpaid 50c.), 4 qts. \$1.00, \$1.75 peck, bu. \$7.00.

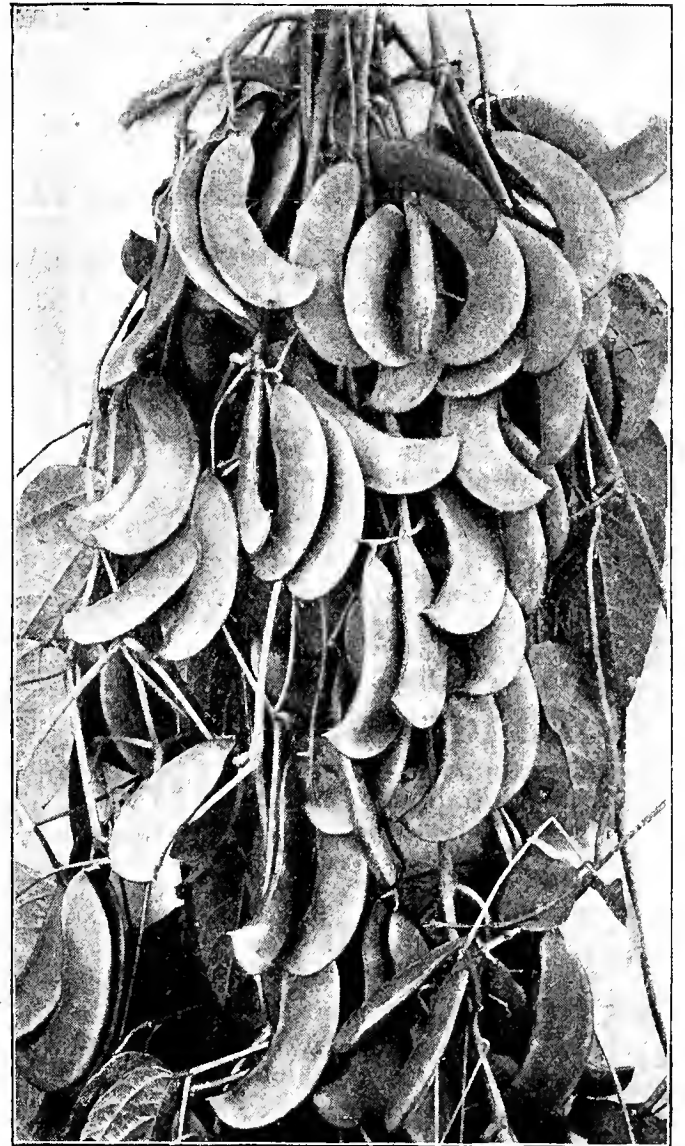


Michell's Crackerjack Tomato

Pole Lima Bean

Michell's Evergreen.

A variety which had its origin in Philadelphia. This remarkable pole lima equals the earliest for earliness, is far more productive than any other and retains at all times a beautiful green color. Pods contain on the average 5 to 6 beans. The pods hang in clusters, 6 to 8 in a bunch, which makes them very easy to gather. All who grow limas should have this valuable variety in the home or market garden. 20c. per pt. (28c. postpaid), qt. 40c. (56c. postpaid), \$1.50 per 4 qts., pk. \$2.50, \$10.00 per bu.



Michell's Evergreen Pole Lima

Lettuce

Summer Queen. There are but few varieties of lettuce that can be depended upon to mature to perfection during the excessively hot months. When we state that "Summer Queen" is the most reliable variety for this purpose we claim an absolute fact. It constitutes the best midsummer crop for the market gardener. The heads are enormous, very solid, of a light green color and are much superior to any other variety that can be cropped at that time. It will stay longer without going to seed than any others. Oz. 25c., 75c. per ¼ lb., lb. \$2.50.

Garden Pea

The Harvester. We tested this out at our trial grounds last year, and although the season was unfavorable, it did remarkably well, yielding a heavy crop of large pods, filled with luscious peas. In quantity of production it compares favorably with the extra early kinds and rivals such sorts as Gradus and Laxton for flavor and eating qualities. It grows about 18 inches high. 25c. per pint (postpaid 33c.), 45c. per quart (postpaid 60c.), \$1.75 for 4 quarts, per peck \$3.25, \$12.00 per bushel.

Two Good Tomatoes

Cracker Jack. One of the earliest Tomatoes grown and a continuous bearer until frost, the latter being one of its chief characteristics, most early tomatoes having finished by the middle of September. The fruit is medium sized, brilliant red, very smooth and solid, with remarkably few seeds. Grows principally in clusters of from 5 to 10 tomatoes, which are invariably uniform in shape. 7c. pkt., ½ oz. 15c., 30c. oz., ¼ lb. \$1.00.

Red Rock. Certainly well named, being almost as solid as a stone. The fruit is very large and somewhat longish in shape; a heavy cropper. Color, light red. For canning or market purposes this will be found better than any other. 25c. oz., ¼ lb. 85c., \$3.00 per lb.

MICHELL'S "DISTINCTIVE" VEGETABLE SEEDS

Grown Especially for Market Gardeners' Trade

The trucker and commercial grower are realizing more than ever that they must be extremely careful in the selection of seeds, not only for the purpose of procuring carefully grown strains, but also that the variety he chooses is that which is the most salable in his market. Both of these features have been given our utmost attention in the make-up of our list, and market gardeners can absolutely rely upon "Michell's Seeds." Varieties especially suited to the Market Gardener and trucker are marked with an asterisk (*).

ASPARAGUS

***Barr's Mammoth.** A favorite in the markets of Philadelphia; big, tender, green stalks. Oz. 5c., 15c. ¼ lb., lb. 40c., \$1.75 per 5 lbs. Oz. ¼ Lb. Lb.

Columbian Mammoth White (5 lbs. \$2.00) ..\$0.05 \$0.15 \$0.50

Conover's Colossal, Giant White Variety (5 lbs. \$1.50)..... .05 .15 .35

Giant d'Argenteuil, French White sort..... .10 .25 .80

Palmetto or Eclipse (5 lbs. \$1.75)..... .05 .15 .40

ASPARAGUS ROOTS

	2 year old Roots	3 year old Root
	100 1000	100 1000
Barr's Mammoth	\$0.50 \$4.25	\$1.00 \$8.00
Columbian Mammoth White.....	.50 4.25	1.00 8.00
Conover's Colossal.....	.50 4.25	1.00 8.00
Giant d'Argenteuil.....	.60 4.25	1.00 8.00
Palmetto or Eclipse.....	.50 4.25	1.00 8.00

Forcing Roots. 5 yrs. old, doz. \$1.50, \$9.00 per 100.

ANISE. Used for Flavoring.....\$0.07 \$0.25 \$0.90

ARTICHOKE. **Large Green Globe Seed.** .25 .75 2.75

" **Green Globe Plants.** \$1.00 doz., 100 \$7.00.

" **Jerusalem Roots.** 10c. qt., peck 60c., \$2.25 bu.

BALM. ½ oz. 10c., 20c. per oz.

BORAGE. For flavoring and food for bees....\$0.07 \$0.25

BROCCOLI. **White Cape**\$0.25 \$0.75 \$2.50

BRUSSELS SPROUTS. **Matchless**.. .15 .50 1.75

TABLE BEETS

***Michell's Improved Crimson Globe.** The leading sort for the market garden, our strain is renowned and used exclusively by many growers, splendid for early sowing and general crop; almost round in shape and of rich deep color. 10c. per oz., ¼ lb. 35c., \$1.15 per lb., 5 lbs. \$5.25.

***Crosby's Egyptian.** Very early, roundish flat, very tender; for sowing under glass it is an ideal sort. 10c. oz., ¼ lb. 35c., \$1.15 per lb., 5 lbs. \$5.25.

***Lentz Extra Early Turnip.** For early spring and late summer sowing; the flesh is finely grained and very sweet. 8c. oz., ¼ lb. 20c., 70c. lb., \$3.25 for 5 lbs.

***Bastian's Half Long.** This is a true blood variety, sown for a winter crop exclusively. It makes handsome roots. 10c. oz., ¼ lb. 30c., \$1.00 per lb., 5 lbs. \$4.00.

Arlington Favorite. Rich blood red, turnip-shaped. Oz. 10c., 30c. ¼ lb., lb. \$1.10, \$5.00 per 5 lbs.

Bassano. This is the principal butter beet; white and rose colored; flat shaped. Oz. 8c., 25c. ¼ lb., lb. 85c., \$4.00 per 5 lbs.

Bastian's Early Turnip. Very similar to Lentz, but a somewhat larger root. 10c. oz., ¼ lb. 25c., 85c. lb., 5 lbs. \$3.75.

Detroit. Rich deep red, a splendid winter beet, turnip shaped. 10c. oz., ¼ lb. 35c., \$1.15 lb., 5 lbs. \$5.25.

Eclipse. Very small; round, splendid for forcing. Oz. 8c., 25c. ¼ lb., lb. 85c., \$4.00 per 5 lbs.

TABLE BEETS—Continued

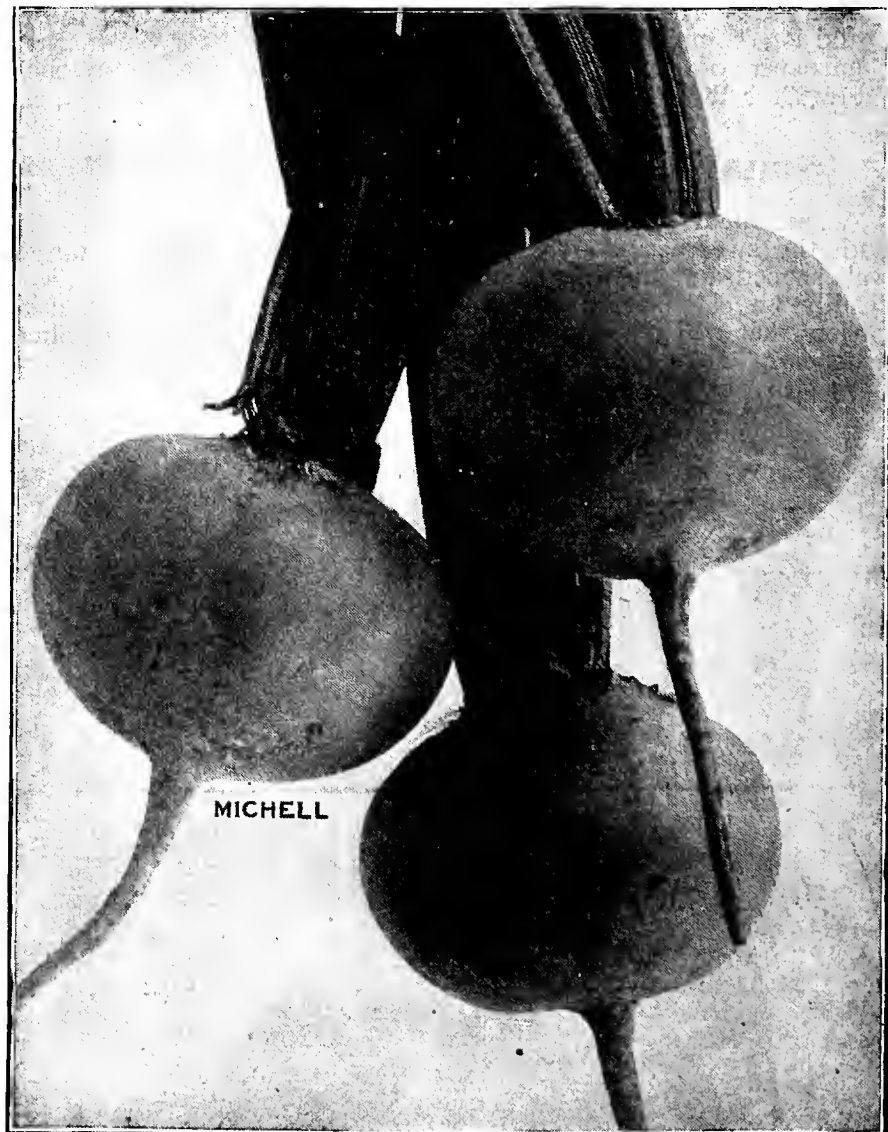
Edmands. Blood red, turnip shaped, fine for summer. 8c. oz., ¼ lb. 25c., 85c. lb., 5 lbs. \$4.00.

Improved Long Blood. Large root, rich color, for winter use. 8c. oz., ¼ lb. 25c., 85c. lb., 5 lbs. \$4.00.

CATTLE BEETS OR MANGEL WURZEL

	¼ Lb.	Lb.	5 Lbs.
Golden Tankard	\$0.12	\$0.40	\$1.75
Imperial White Sugar.....	.12	.40	1.75
Lane's Improved White Sugar.....	.12	.40	1.75
Mammoth Long Red.....	.12	.40	1.75
Red Globe.....	.12	.40	1.75
Yellow Globe.....	.12	.40	1.75

If Mangel Wurzel is wanted by mail add 8c. per lb. for postage.



Crimson Globe Beet

SPECIAL NOTICE.

All Vegetable Seeds NOT listed in our Wholesale Catalogue which may be found in the Retail List, are subject to the following discounts from Retail Prices, viz.: Packets 33½ per cent.; ounces, pints and quarts, 25 per cent.; novelties, 20 per cent.

NOTE. All seeds offered on this page, except Mangel Wurzel, are mailed postpaid

(hc)

BEANS (Crop Very Short, Order Early)

3

Varieties Marked * Especially Suited to Market Gardeners' Needs

Dwarf Green Varieties

Plant 1 qt. to 100 ft. of drill, or 12 to 15 qts. per acre.

Stringless Green Pod. While this is possibly not the longest bean, it is undoubtedly the most tender; absolutely stringless. The market will demand it constantly after it has been better introduced; round podded. Qt. 30c., \$1.00 per 4 qts., peck \$1.75, \$7.00 bush.

***Black Valentine.** This is the big cropper for the market gardener, very early, round podded, also a most suitable variety for planting under glass. 25c. qt., 4 qts. 90c., \$1.50 per peck, bush. \$6.00.

***Mammoth Stringless Green Pod (Giant Valentine).** An improved Valentine, combining the excellent qualities of it and the Stringless Green Pod. 30c. qt., 4 qts. \$1.00, \$1.55 peck, bush. \$6.20.

***Red Valentine (Ex. Early).** For first and last planting this round podded variety is a tremendous yielder. 25c. qt., 4 qts. 90c., \$1.50 per peck, bush. \$6.00.

***Extra Early Refugee.** Extremely early fleshy round podded sort, good for early and last planting. 30c. qt., 4 qts. \$1.00, \$1.60 per pk., bu. \$6.40.

Best of All. 25c. qt., 4 qts. 85c., \$1.50 per peck, bush. \$6.00.

Boston Navy or Pea. 20c. qt., 4 qts. 70c., \$1.25 per peck, bush. \$5.00.

Broad Windsor (Shelling). 25c. qt., 4 qts. 85c., \$1.50 per peck, bush. \$6.25.

Dwarf Horticultural (for shelling). 30c. qt., 4 qts. \$1.00, \$1.75 per peck, bush. \$7.00.

Early Long Yellow (6 weeks). 20c. qt., 4 qts. 70c., \$1.25 per peck, bush. \$5.00.

Early Mohawk (6 weeks). 20c. qt., 4 qts. 70c., \$1.25 per peck, bush. \$5.00.

Longfellow. 25c. qt., 4 qts. 85c., \$1.50 per peck, bush. \$6.00.

Sion House (forcing). 50c. qt., 4 qts. \$1.50, \$2.75 per peck.

Triumph of Frames (for forcing). 35c. qt., 4 qts. \$1.40, \$2.15 per peck.

White Kidney or Royal Dwarf. 20c. qt., 4 qts. 60c., \$1.15 per peck, bush. \$4.60.

White Marrowfat (used shelled). 20c. qt., 4 qts. 65c., \$1.25 per peck, bush. \$5.00.

Dwarf Wax or Yellow Pod

Plant same quantity, per given space, as recommended for Dwarf Green Beans.

***Michell's Improved Dwarf Golden Wax (Rust Proof).** The beautiful round podded, golden yellow beans are very prolific, will pick more to the acre than any other similar variety. 30c. qt., 4 qts. \$1.00, \$1.75 peck, bush. \$7.00.

***Currie's Rust Proof Golden Wax.** A tremendous yielder of long, golden yellow, flat pods. 25c. qt., 4 qts. 90c., \$1.75 peck, bush. \$7.00.

***Wardwell's Wax.** The favorite flat-podded market gardener's bean, very long and slender. 30c. qt., 4 qts. \$1.10, \$1.80 peck, bush. \$7.20.

Black or German Wax. 30c. qt., 4 qts. \$1.00, \$1.75 per peck, bush. \$7.00.

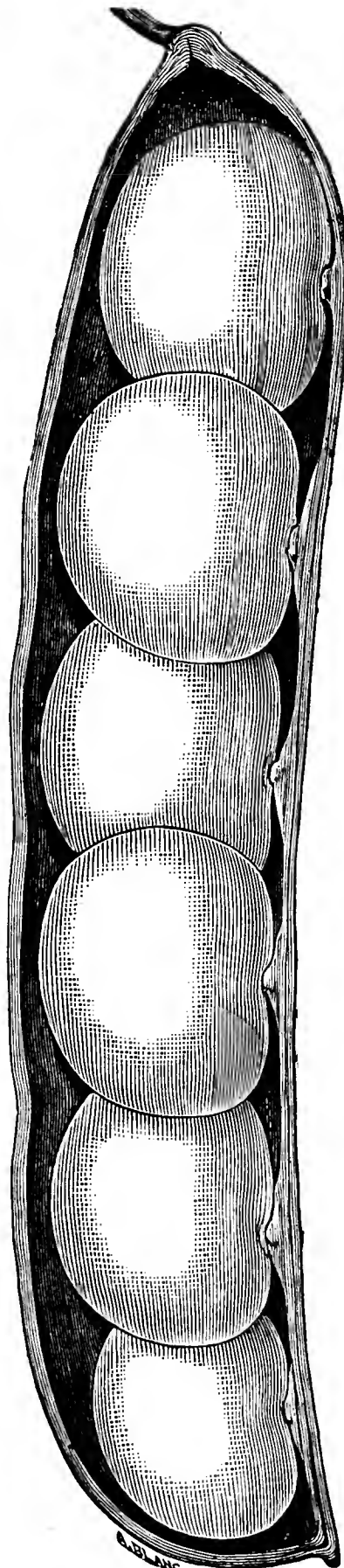
Stringless White Wax. 30c. qt., 4 qts. \$1.10, \$2.00 per peck, bush. \$8.00.

Round Pod Kidney Wax. 30c. qt., 4 qts. \$1.10, \$2.00 per peck, bush. \$8.00.

Sure Crop Stringless Wax. (New.) Very early, perfectly stringless. 40c. qt., 4 qts. \$1.50, \$2.50 per peck, bush. \$9.00.

Valentine Wax. (Round Pod.) 30c. qt., 4 qts. \$1.00, \$1.80 per peck, bush. \$7.20.

Davis' White Wax. 25c. qt., 4 qts. 90c., \$1.75 per peck, bu. \$7.00.



Lima Beans (Pole Varieties)

One qt. will plant 100 hills; 12 to 15 qts. will plant an acre.

***Michell's Evergreen.** The earliest pole lima. Originated in Philadelphia, it is remarkably productive. When shelled it is a ready seller, as it retains its beautiful green color even when in the dry state. Pods average 5 to 6 beans and are produced in clusters of 6 to 8 pods, which renders them easy of gathering. 40c. qt., 4 qts. \$1.50, peck \$2.50, \$10.00 per bush.

***Carpenteria.** A variety similar to the above, but with a shorter pod, containing, as a rule, 3 to 4 beans of a green color, which is retained even when dried, very early. Qt. 30c., \$1.00 per 4 qts., peck \$1.75, \$7.00 per bush.

***Dreer's Improved (Potato, or Challenger).** A round-seeded, thick-podded bean, very popular in many sections on account of its earliness. 25c. qt., 4 qts. 90c., \$1.75 per peck, bush. \$7.00.

***King of the Garden.** A medium-sized bean in large pods with 3 to 5 beans, very vigorous, being continuously in bloom and bearing. 25c. qt., 4 qts. 90c., \$1.75 peck, bush. \$7.00.

***Michell's Selected Large Jersey Lima.** This is a very fine selection of the popular Jersey Lima, grown especially for our trade, and will please those who want a very large bean. 30c. qt., 4 qts. \$1.00, \$1.75 per peck, bush. \$7.00.

***Shotwell's Improved.** This is a cross between Dreer's pole and Extra Early Jersey, combining earliness and sweetness. 25c. qt., 4 qts. 90c., \$1.75 peck, bush. \$7.00.

Extra Early Jersey. Very prolific, medium-sized bean, planted extensively by market gardeners. 30c. qt., 4 qts. \$1.00, \$1.75 pk., bu. \$7.00.

Ford's Mammoth Podded. A gigantic pod which fills the measure well; pods contain 4 to 5 beans. 30c. qt., 4 qts. \$1.00, \$1.75 pk., bu. 7.00.

Lima Beans (Bush Varieties)

***Fordhook.** A thick, luscious bean of wonderful producing qualities, very early and continuing to bear right up to frost time. The plant is upright in growth and bears its clusters far above the ground, so they can easily be gathered. 45c. qt., 4 qts. \$1.60, \$3.00 per peck, bush. \$12.00.

Burpee's Improved. The large bean, very thick, sweet and produced in profusion; a favorite on account of its tenderness and far superior to the old variety. 40c. qt., 4 qts. \$1.40, peck \$2.65, \$10.00 bushel.

Burpee's Bush (Old Variety). The true large-seeded dwarf lima. 30c. qt., 4 qts. \$1.00, \$1.80 peck, bush. \$7.20.

Dreer's (or Kummerle). A small, thick, round-seeded bean, very late. 30c. qt., 4 qts. \$1.10, \$2.00 peck, bush. \$8.00.

Henderson's. The earliest bush lima, but producing very small flat seed, which though arc of excellent flavor, being much in demand. 25c. qt., 4 qts. 90c., \$1.70 peck, bush. \$6.75.

New Wonder. A variety very similar to Burpee's. 25c. qt., 4 qts. 90c., \$1.75 peck, bush. \$7.00.

Pole Beans (Not Lima)

Early Golden Cluster Wax. Handsome long yellow, flat pods, ideal for pickling; a great producer; very tender. 30c. qt., 4 qts. \$1.15, \$2.20 peck, bush. \$8.75.

Horticultural. Extensively used for shelling, also in the pod when green, highly colored red, very prolific and profitable for market. Qt. 25c., 90c. 4 qts., peck \$1.75, \$7.00 bush.

Kentucky Wonder. A bean that should be included on the list of every market gardener. It is long, round, green pods, and is produced in unusual quantity, always tender. Qt. 30c., 90c. 4 qts., peck \$1.70, \$6.75 bush.

Lazy Wife's. Green pod. 30c. qt., 4 qts. \$1.10, \$1.85 per peck, bush. \$7.25.

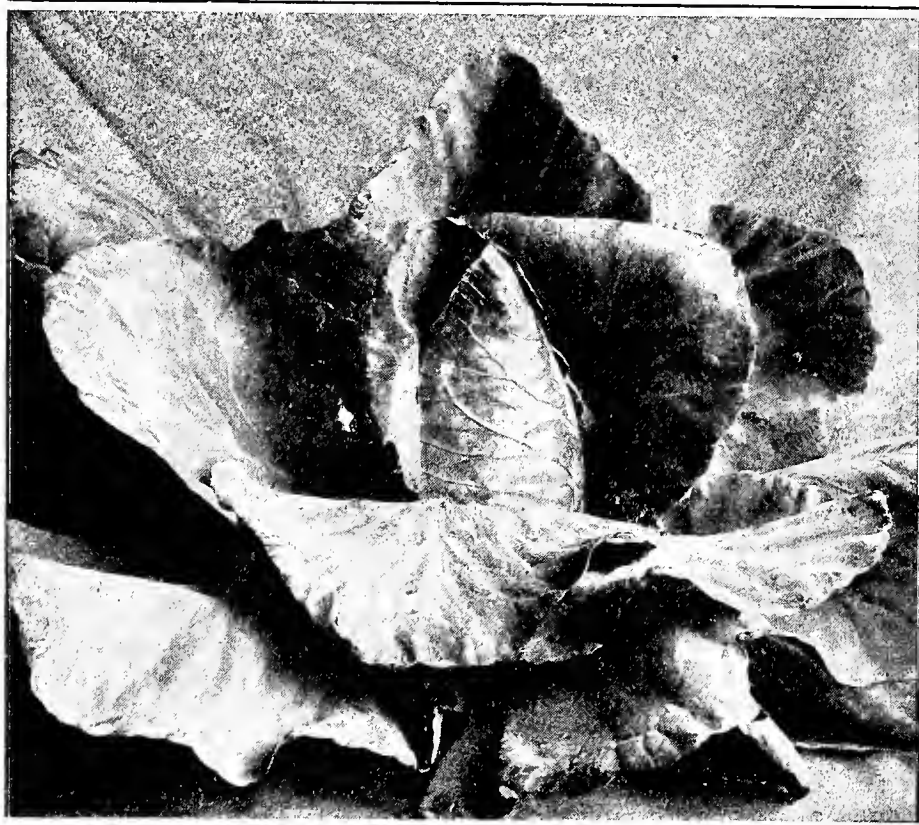
Scarlet Runner. Green pod. 30c. qt., 4 qts. \$1.10, \$1.80 per peck, bush. \$7.20.

NOTE. If Beans are wanted by mail allow 8c. per pint, per quart 15c., for postage.

4 **Michell's Cabbage Seed** (Choice Long Island Grown)

Varieties Marked * are Especially Suited for Market Gardeners

Pennsylvania is known to produce some of the best cabbage grown in this country and when the seed which is used is produced from a selected strain, it is one of the most profitable crops the trucker can bring to the market. We have realized this important factor and we can truthfully say that no strain of cabbage seed is superior to **Michell's**.



Michell's Early Jersey Wakefield Cabbage

EARLY VARIETIES

***Improved Early Jersey Wakefield.** The most popular first crop variety, having pointed heads with few outer leaves and which sells readily. Perhaps of no other variety are as many varying strains offered as of this one. We are positive that those who grow ours will be well pleased with the result.

Private Strain (extra selected). Oz. 25c., 85c. $\frac{1}{4}$ lb., lb. \$3.00.

Usual Strain. Oz. 20c., 70c. $\frac{1}{4}$ lb., lb. \$2.50.

***Large Charleston Wakefield.** Similar to the above but with heads almost twice as large and more blunt at the point; matures a week later than the above. 20c. oz., $\frac{1}{4}$ lb. 70c., \$2.50 lb.

Early Winnigstadt. A variety similar to Wakefield, but not quite as compact header; it is very early, following the former variety in maturing. Oz. 15c., 50c. $\frac{1}{4}$ lb., lb. \$2.00.

All Head. The largest of the early cabbages, being roundish flat and very solid. Oz. 25c., 75c. $\frac{1}{4}$ lb., lb. \$3.00.

Early Flat Dutch. Very compact grower with a medium size, roundish flat head, which is always solid. Oz. 15c., 60c. $\frac{1}{4}$ lb., lb. \$2.00.

SECOND EARLY VARIETIES

Henderson's Early Summer. Enormous solid heads, roundish flat, one of the best midsummer varieties and is a ready seller. Oz. 20c., 70c. $\frac{1}{4}$ lb., lb. \$2.50.

Succession. Very popular with the market gardener, producing enormous uniform heads and matures a few days later than Early Summer. Oz. 20c., 70c. $\frac{1}{4}$ lb., lb. \$2.50.

Early Drumhead. Very large flat head with few outer leaves, it follows in maturing the Large Charleston Wakefield. Oz. 20c., 60c. $\frac{1}{4}$ lb., lb. \$2.25.

LATE OR WINTER VARIETIES

***Improved Late Flat Dutch.** A specialty with us in a strain that cannot be duplicated elsewhere; our grower selects the heads with infinite care and the testimonials we receive from our customers on this variety are the best proof of its quality. It makes enormous solid heads of the finest type, extremely uniform, ideal for sauer kraut and winter keeping. Oz. 20c., 65c. $\frac{1}{4}$ lb., lb. \$2.25.

LATE OR WINTER VARIETIES—Continued

***Michell's Improved Danish Ball Head.** One of the best winter cabbages grown to-day; in weight the individual heads exceed any other variety, and where cabbages are sold by weight this is the sort that will bring in the most money. Particularly desirable because it succeeds under most trying conditions. Round, solid, well-formed heads. Oz. 20c., 70c. $\frac{1}{4}$ lb., lb. \$2.50.

Large Late Drumhead. Very large, with roundish heads which are very solid, excellent winter keeper. Oz. 15c., 50c. $\frac{1}{4}$ lb., lb. \$2.00.

All Seasons (Vandergaw). Beautiful heads which are suitable for midsummer and winter use, very large, round and solid. Oz. 20c., 60c. $\frac{1}{4}$ lb., lb. \$2.25.

***Volga.** While growing it appears undesirable, but when prepared for market there are few other cabbages that excel it in weight and solidity; cut open, the interior is almost pure white; heads perfectly round, almost ball shaped. A special feature, which recommends it to the market gardener, is that it is almost worm-proof. Oz. 20c., 70c. $\frac{1}{4}$ lb., lb. \$2.50.

***Perfection Drumhead Savoy.** The great favorite of the German populace; finding a ready sale in most any market. This variety grows very large and has no waste to it; heads almost round with beautifully curled leaves. Oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.25.

***Red Dutch Drumhead.** A specialty with all Europeans, and a limited quantity of this is a profitable crop. The head is of medium size, very solid and almost round; every bit of it can be used. 15c. oz., $\frac{1}{4}$ lb. 50c., \$1.75 lb.

CABBAGE PLANTS

Per 100 Per 1000

Early Varieties from hotbeds, ready May 1st.....	\$0.35	\$3.00
Early Varieties from cold frame, ready in April.....	.65	5.50
Late Varieties ready in July.....	.30	2.50

Special price on larger quantities.



All Seasons Cabbage

All seeds on this page postpaid at prices named

Michell's Selected Carrot Seed

5

Harvested from pure stock and selected roots. 3 to 4 lbs. will sow an acre.

NOTE—Prices of all vegetable seeds in this catalog include postage, unless otherwise noted. SHOP BY MAIL.

***Chantenay Half Long.** Very similar to Rubicon but a trifle longer, much used for sowing under glass and in hotbeds; a splendid carrot for bunching, and used extensively in the New York market gardening district. Oz. 10c., 30c. $\frac{1}{4}$ lb., lb. \$1.10.

***Danver's Half Long.** The heaviest yielding carrot we know of, ideal for general crop and winter keeping, stump rooted, of fine orange color and medium long. Our strain is a reselection by a carrot specialist. 10c. oz., $\frac{1}{4}$ lb. 30c., \$1.00 lb.

Early Half Long Scarlet. Grows from 5 to 6 inches long, of a rich scarlet orange color, point rooted; an intermediate sort between Scarlet Horn and Long Orange, can be sown under glass for early use. Oz. 10c., 30c. $\frac{1}{4}$ lb., lb. \$1.00.

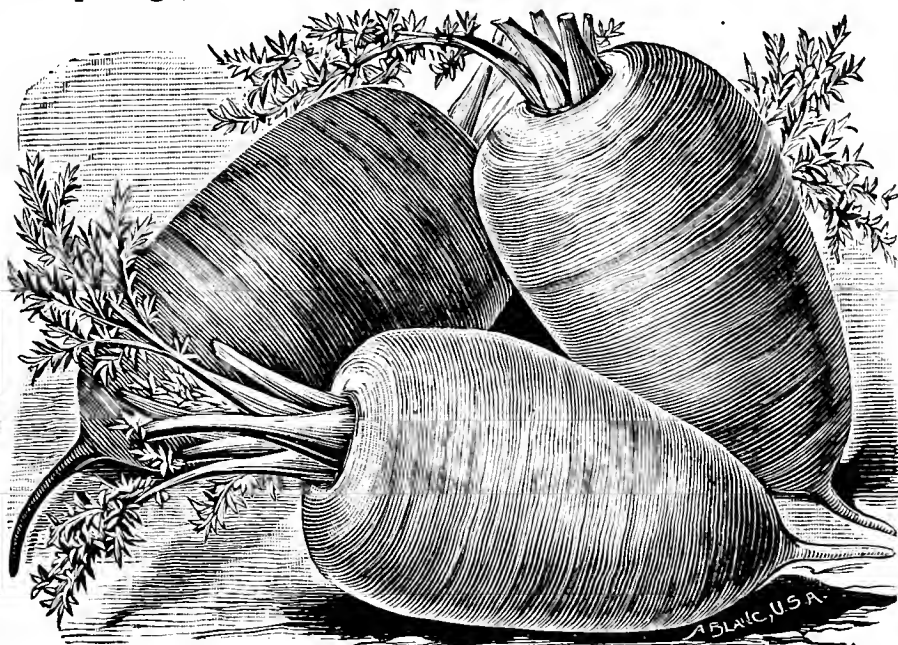
Early Scarlet Horn. A very early outdoor variety, of fine color, stump rooted and desirable for bunching. Oz. 10c., 30c. $\frac{1}{4}$ lb., lb. \$1.00.

French Forcing or Early Short Horn. Very small round root, one of the earliest varieties to mature either outdoors or under glass. Oz. 10c., 30c. $\frac{1}{4}$ lb., lb. \$1.00.

Guerande or Oxheart. A short stump rooted sort, which can be readily grown on stiff hard soils, where other varieties would not succeed so well, grows about 3 inches long and is of rich orange color. Oz. 10c., 30c. $\frac{1}{4}$ lb., lb. \$1.00.

***Long Orange (Improved).** The longest table carrot, frequently 10 inches long, of deep orange color. Its yield is enormous and of uniform shape; for stock feeding it is extensively used. 8c. oz., $\frac{1}{4}$ lb. 25c., 85c. lb.

Red Surrey. Very long, similar to Long Orange. 8c. oz., $\frac{1}{4}$ lb. 25c., 85c. lb.



Danver's Carrot

***Rubicon Half Long.** The leading market gardeners' variety, one of the earliest and frequently used for forcing and sowing in hotbeds; in form it resembles the Danver's, but is considerably shorter in length, rich orange color, stump rooted. Oz. 10c., 30c. $\frac{1}{4}$ lb., lb. \$1.10.

White Belgian. Used for stock feeding only, very long white root, also good for soiling when turned under. Oz. 8c., 20c. $\frac{1}{4}$ lb., lb. 60c.

Michell's Pedigreed Cauliflower Seed

One ounce of seed will produce about 3,000 plants.



Snowstorm Cauliflower

Algiers. Large heads; late; for outdoors. Pkt. 7c., 20c. $\frac{1}{4}$ oz., oz. 60c., \$2.00 per $\frac{1}{4}$ lb.

***Danish Giant.** A variety which is especially recommended for midsummer use, because it will stand more drought and heat than any other sort. The heads are very large, snowy white, and well protected by a liberal growth of foliage; a sure header and therefore just the sort for the market gardener. Large pkt. 20c., 80c. $\frac{1}{4}$ oz., oz. \$3.00, \$10.00 per $\frac{1}{4}$ lb.

***Early Snowball.** Perhaps one of the best known varieties and therefore used extensively; the heads are quite large and can be successfully grown even under adverse weather conditions. The head is very white. Large pkt. 15c., trade pkt. 40c., 60c. $\frac{1}{4}$ oz., oz. \$2.00, \$7.00 per $\frac{1}{4}$ lb.

Half Early Paris. Small heads for frame or outdoor planting. Pkt. 7c., 15c. $\frac{1}{4}$ oz., oz. 50c., \$1.50 per $\frac{1}{4}$ lb.

Matador. One of the best forcing varieties, makes medium size solid pure white heads; the foliage is ample for folding over the heads as they mature; it is also suitable for outdoor culture in early spring. Large pkt. 15c., 60c. $\frac{1}{4}$ oz., per oz. \$2.00, \$7.00 per $\frac{1}{4}$ lb.

***Michell's Earliest Snowstorm.** Colossal heads of the purest white, averaging often 10 inches in diameter, particularly desirable for its extreme earliness, though it may be used to equal advantage either under glass or outdoors. This cauliflower seed we sell to the most critical market gardeners who would refuse to use any other. (Large pkt. 17c.) Trade pkt. 40c., \$1.25 per $\frac{1}{4}$ oz., oz. \$4.00, \$14.00 per $\frac{1}{4}$ lb.

***Selected Erfurt (Michell's Special Strain).** Selected for its earliness and is particularly suitable for growing under glass, though it does very well outdoors as an early spring crop. Of dwarf growth with short foliage; medium sized heads, but mature very quickly. Large pkt. 15c., 40c. per trade pkt., 60c. $\frac{1}{4}$ oz., oz. \$2.00, \$7.00 per $\frac{1}{4}$ lb.

Veitch's Autumn Giant. Very large; late. Pkt. 7c., 10c. $\frac{1}{4}$ oz., oz. 30c., \$1.00 per $\frac{1}{4}$ lb.

CAULIFLOWER PLANTS

	Doz.	100	1000
Hotbed Grown	\$0.15	\$0.75	\$6.00
Pot Grown .....	.45	3.50	32.50
	Oz.	$\frac{1}{4}$ lb.	Lb.
CARAWAY.	\$0.07	\$0.20	\$0.50
CARDOON. Broad Ribbed.....	.20	.70	
CATNIP. (Pkt. 7c.).....	.30		

Varieties marked * are best suited for market gardeners

Michell's Wholesale Price-List, 518 Market Street, Philadelphia

(hc)

CELERY



Michell's Improved White Plume

Special Prices will be quoted on celery plants in large lots.

***Michell's Improved White Plume** (*Private Stock*). One of the earliest of celeries, and grown in enormous quantity by all the leading truckers. Our strain of this is unusually fine. Many of our customers engage their requirements a year ahead, so as to be sure and procure it from us before our stock is exhausted. Oz. 25c., 75c. ¼ lb., lb. \$2.50.

White Plume (*Usual Strain*). Oz. 20c., 60c. ¼ lb., lb. \$2.00.

***Golden Self Blanching** (*French Grown Seed, Vilmorin Stock*). The leading variety for Thanksgiving market; enormous stalks of golden yellow, requiring almost no artificial blanching; grown in enormous quantities by all who specialize in celery. Our stock is the best in the world and absolutely true. This strain is very scarce this year; ¼ oz. 40c., 70c. ½ oz., \$1.40 per oz., ¼ lb. \$5.50.

***New Columbia**. A popular variety with the truck gardener, especially in the Chicago market; of medium height, but very solid and heavy; three stalks make a massive bunch; splendid winter variety, keeping well. 40c. oz., ¼ lb. \$1.50, \$5.50 lb.

***Giant Pascal**. Ideal for the trucker, keeping longer than any other sort, of splendid appearance and exceedingly tall, three features which recommend it to the man who grows for profit; blanches pure white. Oz. 15c., 40c. ¼ lb., lb. \$1.50.

***Michell's Far Superior**. The best mid-winter variety, very tall and with a large full heart; no waste; sells on sight. Oz. 15c., 50c. ¼ lb., lb. \$1.50.

***Winter Queen**. A medium tall solid variety, keeps well through the winter; very full and large heart. Oz. 20c., 60c. ¼ lb., lb. \$2.25.

Early Snowdrift. An Improved White Plume.....\$0.25 \$0.85 \$2.75

Dwarf Golden Heart. A Christmas celery......15 .40 1.35

Pink Plume. Rose-colored stalks......15 .50 1.75

Magnificent. Semi-late, brittle variety, white stalks......25 .75 2.50

Winter King. For late winter use......25 .75 2.50

***New York**. A self-blanching variety, being a cross between Giant Pascal and White Plume. It is crisp, brittle and a fine variety for the market gardener, coming ahead of White Plume and is much larger. Pkt. 8c., 20c. oz., ¼ lb. 60c., \$2.25 per lb.

Celeriac. **Giant Smooth Prague**. 15c. oz., ¼ lb. 50c., lb. \$1.85.

Flavoring Celery. Not for sowing. 8c. ¼ lb., lb. 25c.

CELERY PLANTS

Leading Varieties. Early and late. 40c. per 100, per 1000 \$3.25.

CUCUMBER

***Arlington Improved White Spine**. The best sort for growing under glass and general outdoor crop for market, producing fruits which are always uniform; deep green, very smooth and rounded at the end. It is not always the largest cucumber which is wanted by the market gardener, because the produce man is limited as to the price he can get. Oz. 10c., 30c. ¼ lb., lb. \$1.00.

***Davis' Perfect**. Very similar in form to the above; a heavy crop can always be depended upon whether grown under glass or outdoors. As a rule it bears three or four specimens in a cluster of even larger size than the White Spined; of rich deep green color. 10c. oz., ¼ lb. 25c., 85c. lb.

***Jersey Pickle, or Green Prolific**. A staple variety with many of the larger market gardeners, it is short and thick and used principally for pickling. Oz. 8c., 20c. ¼ lb., lb. 70c.

	Oz.	¼ Lb.	Lb.
White Spined (<i>Usual Strain</i>).....	\$0.08	\$0.20	\$0.75
Cool and Crisp .....	.08	.20	.75
Cumberland .....	.08	.25	.85
Emerald .....	.08	.25	.85
Evergreen .....	.08	.25	.85
Japanese Climbing.....	.10	.30	1.00
Long Green Turkey.....	.08	.20	.75
Small Gherkin or Burr.....	.10	.30	1.00

ENGLISH FORCING CUCUMBERS

Lockie's Perfection, Sion House, Telegraph, Tender and True. The above varieties 20c. each, per pkt. of 12 seeds.



Davis Perfect Cucumber

MICHELL'S SUGAR CORN (Connecticut Valley Grown)

7

Varieties Marked * are Especially Suited for Market Gardeners' Use

NOTE. If Corn is wanted by mail add 10c. per quart for postage, irrespective of zone or distance, as the rate on seeds is uniform.

EARLY VARIETIES

***Early Giant Wonder.** It is the earliest of the true sugar corns and produces fine, large, regular-grained ears. 30c. qt., 4 qts. \$1.00, \$1.75 per peck, bush. \$7.00.

Early Champion. Large ears, well-shaped and exceedingly sweet. 20c. per qt., 4 qts. 60c., \$1.10 per peck, bu. \$4.40.

***Ideal.** One of the biggest yielders among the first earlies, and for this reason it is often preferred by market gardeners. Notwithstanding its earliness, the ears are quite large and our grower pays more attention to reselecting this variety than any other sort. 20c. qt., 4 qts. 70c., \$1.25 pk., bu. \$5.00.

***Stabler's Extra Early.** A very popular sort among the truckers; as the ear when ready for market is very attractive and is a ready seller. 20c. qt., 4 qts. 60c., \$1.10 pk., bu. \$4.40.

***Kendel's Early Giant.** Very cylindrical ears, which are large deep-grained and very sweet. 20c. qt., 4 qts. 70c., \$1.15 pk., bu. \$4.50.

Golden Bantam. The sweetest corn grown and while the ears are small it is the color actually which prevents it from being a favorite in the market. If the trucker will persist in introducing it, his customers will continue to ask for it; color, a beautiful golden yellow. 25c. qt., 4 qts. 90c., \$1.60 peck, bu. \$6.25.

Golden Rod. Similar to Golden Bantam with larger ears and lighter color and not quite so early. 25c. qt., 4 qts. 90c., \$1.60 peck, bush. \$6.25.

Metropolitan. An extra early sort following Crosby's but with larger ears; very sweet and a great producer. Qt. 20c., 60c. for 4 qts., peck, \$1.10, \$4.40 per bushel.

Adam's Extra Early. Pure white, medium-sized ears. 15c. qt., 4 qts. 50c., 85c. peck, bu. \$3.40.

Aristocrat. Finely shaped ears with even rows of kernels, very sweet and attractive. Qt. 20c., 4 qts. 70c., \$1.25 peck, bush. \$5.00.

Crosby's Extra Early. Medium-sized, very early and sweet, dwarf grower, but very productive. 20c. qt., 4 qts. 60c., \$1.10 per peck, bu. \$4.40.

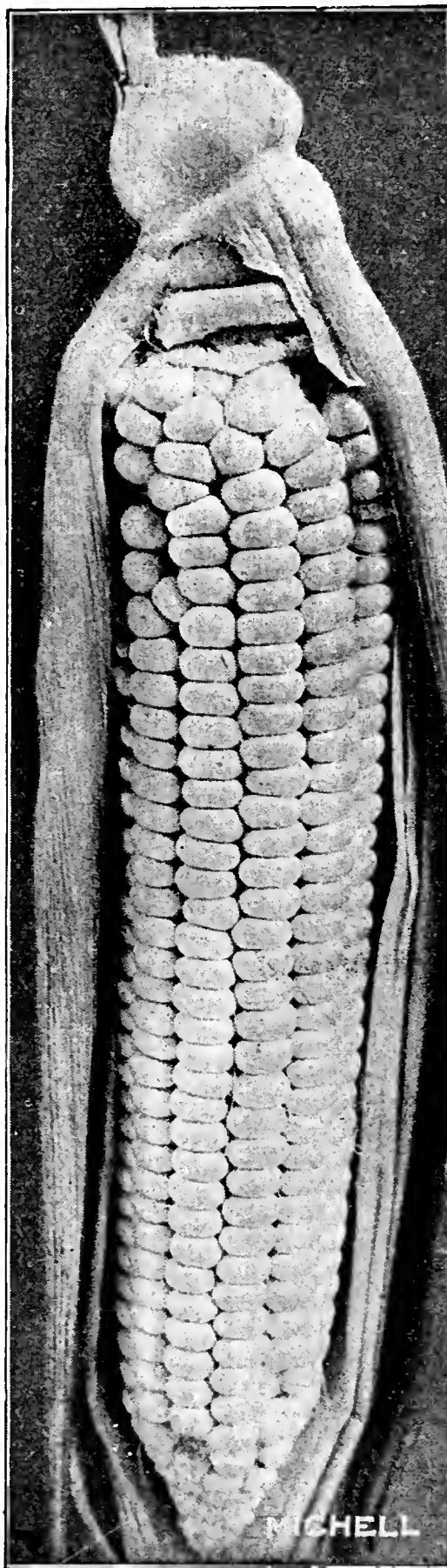
Early Evergreen. Like "Stowell's" in appearance and quality, but much earlier. Qt. 20c., 70c. per 4 qts., peck \$1.15, \$4.50 bush.

Early Mammoth. Really a second early variety, producing enormous ears on a mammoth stalk. Qt. 20c., 70c. per 4 qts., peck \$1.10, \$4.40 bushel.

First of All. A quick growing variety with good shaped ears, with pure white kernels, in the dry state it turns pink and reddish. 20c. qt., 4 qts. 60c., \$1.10 per peck, bush. \$4.00.

Peep o'Day. The earliest corn in existence, but produces very small ears; especially adapted for growing under glass. Qt. 20c., 60c. per 4 qts., peck \$1.15, \$4.50 per bu.

Premo. One of the real good extra early large-eared varieties. Qt., 25c., 4 qts. 70c., \$1.30 peck, bush. \$5.20.



Michell's Delicious Sugar Corn

MEDIUM AND LATE VARIETIES

***Eastwick.** A new variety that will become a great favorite. The hull when the corn is eaten remains on the cob, which is a valuable feature: it is of medium size and exceptionally sweet. 30c. qt., 4 qts. \$1.10, \$2.00 per peck, bushel \$8.00.

***Michell's Delicious.** Any market gardener selecting this variety as his standard for a mid-season planting will not be disappointed. Not only does it produce handsome ears in large quantity, but its flavor is excellent, and once tasted it is demanded again. Medium late. Qt. 30c., \$1.10 per 4 qts., peck \$2.00. \$8.00 per bu.

***Stowell's Evergreen.** This old favorite cannot be superseded by any; it has the shape, size and quality in such abundant measure that the grower not only likes to plant it, but the consumer demands it. Qt. 20c., 60c. per 4 qts., \$1.00 per peck, bush. \$4.00.

***Country Gentleman.** A large late variety, where the deep kernels are set very irregularly on the cob. It is undoubtedly one of the sweetest late corns grown, which alone recommends it. Qt. 20c., 70c. per 4 qts., peck \$1.25, \$5.00 per bu.

Little Gem or Shoe-Peg (Ne Plus Ultra). Very similar to the above, having the same merits. Qt. 20c., 70c. per 4 qts., peck \$1.25. \$5.00 per bu.

Black Mexican. Medium-sized ears, black and white kernel, very sweet; late. Qt. 20c., 60c. per 4 qts., peck \$1.10, \$4.40 bu.

Late Mammoth. The latest maturing and the largest of all sweet corn, gigantic ears produced in quantity. The stalks often grow 8 to 9 feet high. Qt. 20c., 60c. per 4 qts., peck \$1.10, \$4.25 per bu.

Sugar Corn on Ears

We can supply the following varieties in selected, well-shaped ears; bought in this manner one can make a careful reselection of grains or ears:

Crosby's, Country Gentleman, Stowell's Evergreen, Late Mammoth, Kendel's and Stabler's. 7c. each, doz. 75c., \$5.00 per 100.

POP CORN (on Ears)

For seeding or popping.

	Lb.	10 Lbs.
White Rice	\$0.08	\$0.65
Golden Queen .....	.08	.65

FIELD CORN

Grown especially for seed purposes, shelled from selected ears, carefully tipped and butted.

	Qt.	Pk.	Bu.
Chester Co. Mammoth.....	\$0.10	\$0.55	\$2.00
Cloud's Early Yellow Dent.....	.10	.60	2.10
Early Yellow Canada or Flint (8 rowed)....	.10	.55	2.00
Golden Beauty Improved.....	.10	.55	2.00
Hickory King. White.....	.10	.55	2.00
Leaming Early Dent. Selected strain.....	.10	.55	2.00
" " Pedigree Strain (in 1-bu. crates, \$3.75, 5 bushels for \$17.50).			
100 Day Early Bristol.....	.10	.55	2.00
Red Cob Ensilage. White.....	.08	.45	1.75
Eureka Ensilage. Yellow.....	.10	.55	2.00
Virginia Ensilage. White.....	.10	.50	1.75

When ordering Field Corn in 1 bushel lots and over allow 22c. for each 2 bushel seamless bag. (These are returnable for credit.)

CHERVIL

Few market gardeners realize that they can have a steady income during the winter from supplying fresh greens to the hotel trade. Chervil is a flavoring green which is used in dressing lettuce and while it is but little known a single introduction will work up considerable demand.

Double Curled. Oz. 10c., 30c. ¼ lb., lb. \$1.00.

CHICORY. Large Rooted. 8c. oz., ¼ lb. 20c., 70c. lb.
Witloof. 10c. oz., ¼ lb. 35c., \$1.25 lb.

CORIANDER. For flavoring. 7c. oz., ¼ lb. 20c., 50c. lb.

CORN SALAD

On account of the German populace in and near Philadelphia, this is much in demand and constitutes a profitable crop, bringing in money at a time of the year when vegetables are either exhausted or have not yet matured.

Large Seeded. Oz. 5c., 15c. ¼ lb., lb. 45c., \$2.00 per 5 lbs.

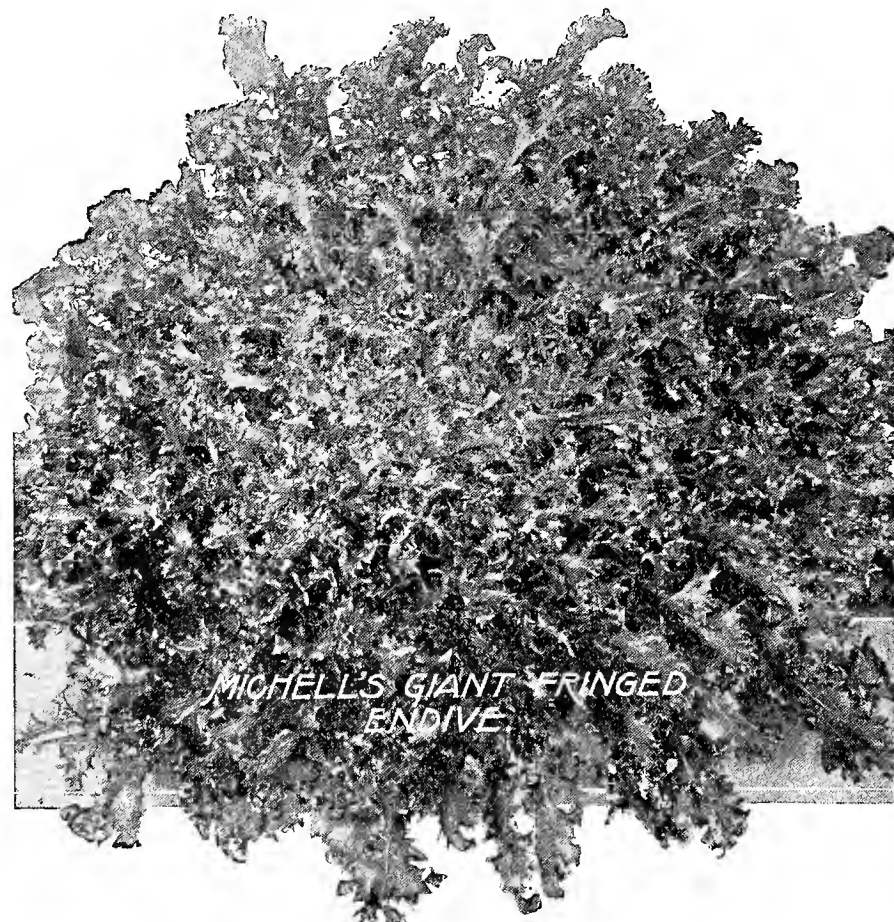
CHIVES. Strong clumps. 75c. doz., 100 \$5.00. Seed, pkt. 10c.

WATER CRESS

A profitable side crop on any place where there is a stream of water, once established it remains for years, seeding itself. Prefers a running stream, not too deep; a money-maker in the spring, without any bother.

True Erfurt. Oz. 25c., 85c. ¼ lb., lb. \$3.00.

GARDEN CRESS. Extra Curled or Pepper Grass. 5c. oz., ¼ lb. 15c., 35c. lb.

**ENDIVE**

***Giant Fringed.** One of the largest and most curly varieties, very tender when properly blanched. This is another crop that brings in returns during the dull season. Properly cared for it can be kept all winter and marketed as required. Oz. 15c., 50c. ¼ lb., lb. \$1.50.

***Broad Leaved Batavian.** This variety has large broad, ribbed leaves, which blanch almost pure white and which sells readily, especially to the French and Italian people. Oz. 10c., 35c. ¼ lb., lb. \$1.25.

	Oz.	¼ lb.	Lb.
Improved Green Curled	\$0.10	\$0.30	\$1.00
White Curled. Self Blanching	.10	.35	1.25

FENNEL. An aromatic herb. .07 .20 .65

GARLIC. .25c. lb. (5 lbs. \$1.00) .25

HOP VINES. Strong plants. 75c. doz., per 100 \$6.00. Seed pkt. 8c.

LEEK

***Giant Carentan.**

Enormously large very thick, long stalk with plenty of edible heart. 15c. oz., ¼ lb. 50c., \$1.75 lb.

***Large Musselburg.** Slightly longer than the Carentan, but not so thick at the base. 15c. oz., ¼ lb. 50c., \$1.75 lb.

London Flag. Oz. 15c., 45c. ¼ lb., lb. \$1.50.

LAVENDER

(Herb). 15c. oz., ¼ lb. 35c., \$1.00 lb.



Giant Carentan Leek

DANDELION

This is not the common weed known under that name, but one which is especially cultivated as a spring green, being grown in frames for this purpose. We handle only the true French Grown Seed, which is the only kind that should be used.

Thick Leaved, or Cabbaging. Oz. 25c., 85c. per ¼ lb., lb. \$3.00.

DILL

Used as a flavoring for pickles laid in brine, there is a lively demand for it in all sections where cucumbers are put up in this way. Oz. 5c., 15c. ¼ lb., lb. 50c.

EGG PLANT

***Black Beauty.** The earliest, largest and finest colored fruit, extensively grown in New Jersey as the leading market variety. Our strain of seed is carefully selected from the best ripe specimens. Oz. 30c., \$1.10 ¼ lb., lb. \$4.25.

	Oz.	¼ lb.	lb.
New York Improved	\$0.30	\$1.00	\$3.75
Black Pekin	.25	.80	2.50
Early Long Purple	.15	.55	2.10

EGG PLANT PLANTS

	Doz.	100	1000
Hotbed Grown	\$2.00	\$17.50	
Pot Grown	\$0.45	3.50	30.00

HORSE RADISH ROOTS

Maliner Kren, 60c. per 100, per 1000 \$5.25.

Common Variety. 40c. per 100, per 1000 \$3.75.

KALE OR BORECOLE

New Imperial, or Long Standing. Very curly and of fine dark green color, stands about 15 inches high and is a tremendous cropper. Oz. 7c., 20c. ¼ lb., lb. 60c. (5 lbs. \$2.50).

Dwarf Green Curled Scotch. A semi-dwarf variety which stands the severest winters extremely well, of rich green color and finely curled. 7c. oz., ¼ lb. 20c., 60c. lb.

Dwarf Green German. 7c. oz., ¼ lb. 20c., 50c. lb.

Sea Kale. Pkt. 8c., 20c. per oz.

KOHL RABI

This should be grown by market gardeners, especially those who have the patronage of German people; growers should be careful to market young roots only, as then only are they tender and delicious; can be successfully grown in frames.

	Oz.	¼ lb.	lb.
White Vienna	\$0.15	\$0.50	\$1.50
Earliest White Erfurt	.20	.65	2.25
Purple Vienna	.15	.50	1.50

Michell's Choice Lettuce Seed

9

Grown from carefully selected heads and strains of seed.
Especially for market gardeners' trade.

VARIETIES marked * are especially suited to market gardeners' needs.

SPECIAL NOTE—Seeds offered on this page mailed postpaid at prices named. SHOP BY MAIL.

1 oz. Seed
produces
about 2,500
plants.

All Heart. Fine for spring and summer, large loose heads with a solid heart. 20c. oz., ¼ lb. 60c., lb. \$1.75

***Big Boston (Selected Stock).** One of the best varieties for forcing under glass, but is equally satisfactory planted outdoors, large solid heads. Oz. 12c., 35c. ¼ lb., lb. \$1.25.

Black Seeded Simpson. Ideal for midsummer; large, loose leaved curly heads. 10c. oz., ¼ lb. 30c., \$1.00 per lb.

Boston Market. Splendid forcer and for spring use outdoors, small solid heads. Oz. 10c., 30c. ¼ lb., lb. \$1.00.

Cabbage Head Giant. Monster head lettuce for summer. 20c. oz., ¼ lb. 60c., \$2.25 lb.

Early Cabbage, or White Butter. Very large heads, excellent for early spring or summer use. 10c. oz., ¼ lb. 30c., \$1.00 lb.

***May King.** If sown under sash and cropped outdoors this has proven to be the earliest lettuce in existence. 15c. oz., ¼ lb. 40c., \$1.25 lb.

***Michell's All-Right.** For the first crop in hotbeds or outdoors in spring. A very large solid head with a rich green color. It requires less of these to fill a barrel than any other lettuce we know of, fine also for an autumn crop. Oz. 20c., 60c. ¼ lb., lb. \$2.00.

***Michell's Number One.** Ideal for autumn use, a sure header, immensely large. Oz. 15c., 40c. ¼ lb., lb. \$1.50.

***Michell's Summer Queen.** There are but few varieties of lettuce that can be depended upon to mature to perfection

during the excessively hot months. When we state that "Summer Queen" is the most reliable variety for this purpose we claim an absolute fact. It constitutes the best mid-summer crop for the market gardener. The heads are enormous, very solid, of a light green color and are much superior to any other variety that can be cropped at that time. It will stay longer without going to seed than any others, thus being all profit and no loss to the grower. Oz. 25c., 75c. per ¼ lb., lb. \$2.50.

Sensation. Large solid heads for summer or sowing under sash in spring. 15c. oz., ¼ lb. 35c., \$1.25 lb.

***Spotted Dutch Butter (Private Strain).** A very early lettuce, may also be used as a second crop; its appearance, if nothing else, sells it. The outer leaves are slightly tinged with brown on the edges, towards the centre they are light green, with a golden yellow heart. Oz. 15c., 50c. ¼ lb., lb. \$1.75.

Spotted Dutch Butter (Regular Strain). Oz. 10c., 35c. ¼ lb., lb. \$1.25.

Tennisball (Black Seeded). One of the earliest for under glass or outdoors, makes small, compact heads. 10c. oz., ¼ lb. 30c., \$1.00 lb.

Unrivalled. Similar to Big Boston. 15c. oz., ¼ lb., 35c., \$1.25 per lb.

Wonderful, or New York. Splendid midsummer and late autumn sort, large curled leaf; heads. 15c. oz., ¼ lb. 40c., \$1.25 lb.

LOOSE OR CURLED LEAVED VARIETIES

Early Curled Simpson. Very much like the Black Seeded Simpson, but is much earlier. 10c. oz., ¼ lb. 30c., \$1.00 lb.

Grand Rapids (Special Strain). A variety used by many for forcing under glass, it is loose-leaved; very fine and brittle. Oz. 10c., 30c. ¼ lb., lb. \$1.10.

Silesian. Ideal for a cutting lettuce, very early and lasts a long while, does not head. 10c. oz., ¼ lb. 30c., \$1.00 lb.

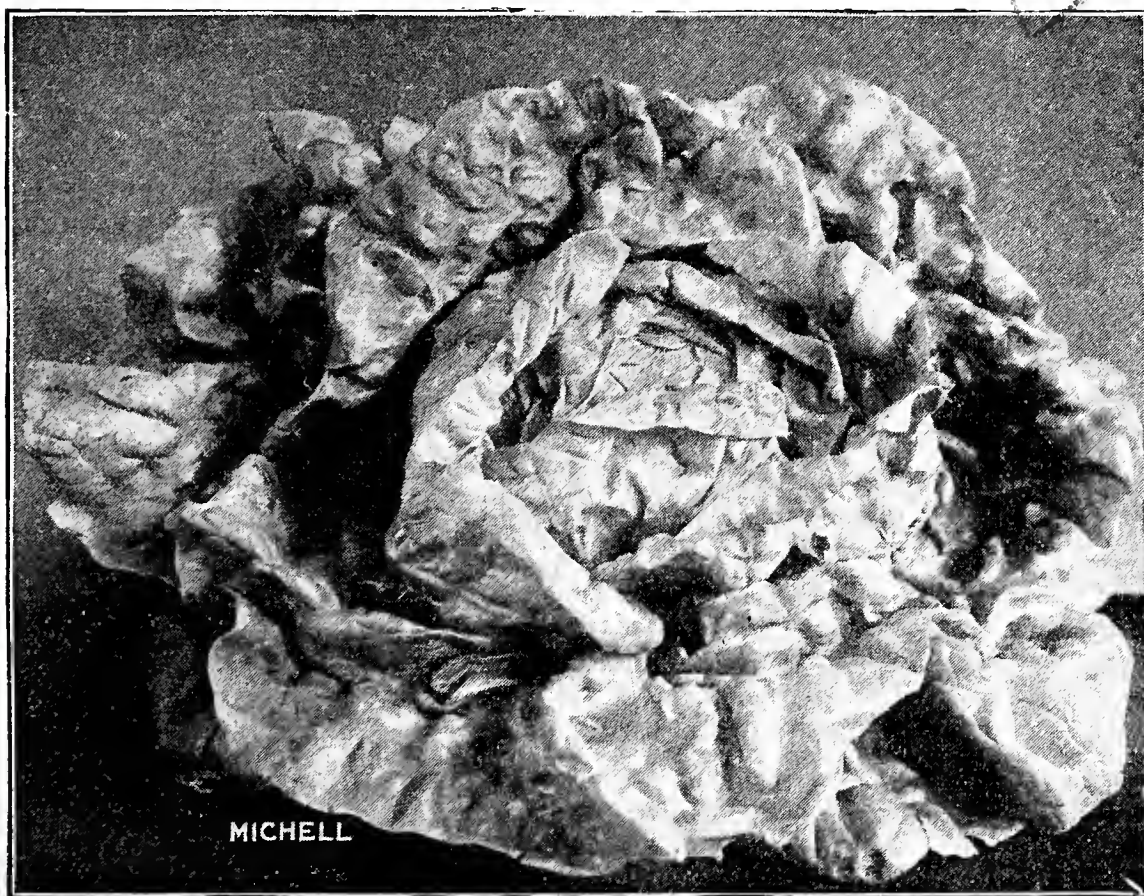
COS ROMAINE OR CELERY LETTUCE

Kingsholm Cos. Tall upright growth, fine heads, this sells readily to hotel trade, must be tied to blanch. 10c. oz., ¼ lb. 30c., \$1.10 lb.

Trianon Self Folding. Similar to the Kingsholm, but does not require tying to blanch. Oz. 10c., 30c. ¼ lb., lb. \$1.10.

LETTUCE PLANTS

Leading Heading Varieties. Per 100 35c., \$2.85 per 1000.



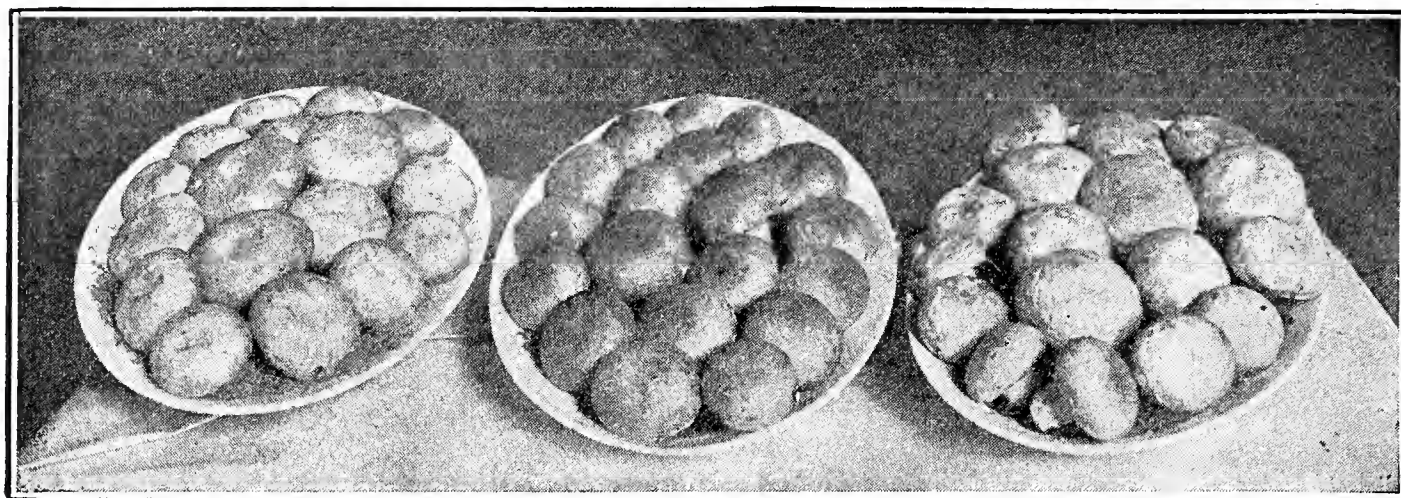
Lettuce Summer Queen

Day's Improved Big Boston. This strain had its origin in France, near Paris, where it is probably grown more than any other sort. For a number of years a certain market gardener in the vicinity of New York had a monopoly on this variety, but after careful inquiry we have located the source of supply and are pleased to offer this most excellent lettuce in our catalogue for the first time. It is superior in every way to the usual strain of the Big Boston variety. The heads are larger, almost twice the size, more solid and of a better flavor. The grower would only allot us a very limited amount, so the stock is quite scarce for this season. We advise early ordering. 30c. per oz., per ¼ lb. \$1.00, \$3.50 per lb.

Emperor Forcing. The finest variety for greenhouse or hotbeds. 10c. oz., ¼ lb. 35c., \$1.25 lb.

Hanson Improved. Crisp, curly heads, very solid, for summer use only. 10c. oz., ¼ lb. 30c., \$1.10 lb.

***Mammoth Salamander.** Splendid for midsummer, will resist heat and drought, always making a large solid head. Oz. 15c., 35c. ¼ lb., lb. \$1.25.

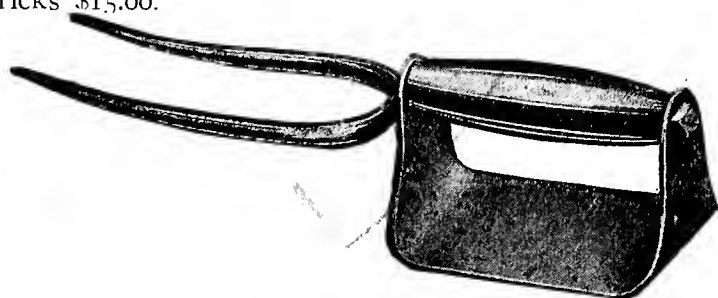


MUSHROOM SPAWN

We make a specialty of this very important article, handling all the tried and proven strains. From July to March we receive frequent shipments of new spawn, thus insuring our customers of getting first class quality. Descriptive pamphlet on Mushroom Culture "Free," ask for a copy.

BRANDYWINE PURE CULTURE SPAWN

This type produces heavy, short-stemmed mushrooms of uniform size. The bricks are inoculated with Pure Spawn culture in the same manner as the "Lambert" strain. While this brand is comparatively new, it bids fair to become very popular in a short while; the bricks are larger than other brands. 25c. brick (postpaid 35c.), 5 bricks \$1.15, 12 bricks \$2.15, \$4.00 per 25, 100 bricks \$15.00.



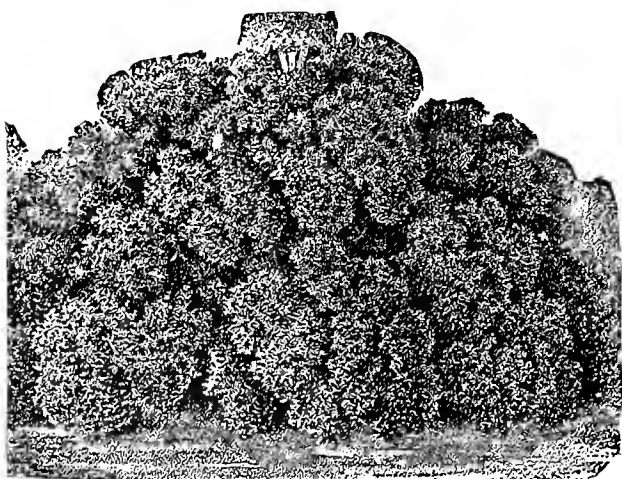
SPAWN PLANTER

An ingenious device for planting mushroom spawn. Opens the trench and closes it. 75c. each.



THERMOMETERS FOR MUSHROOM BEDS

Iron Point\$0.90 each
Brass Point 1.35 "



Covent Garden Parsley

PARSLEY

***Covent Garden or Double Curled.** This is the best variety for the market gardener, as it produces intensely curled leaves of good size of a rich green color, with long stems, which makes it easy to bunch. Oz. 10c., 25c. ¼ lb., lb. 90c. (5 lbs. \$3.75).

***Champion Moss Curled.** Densely curled, light green, long stemmed. Oz. 8c., 25c. ¼ lb., lb. 90c.

***Hamburg or Rooted.** A favorite among the foreign people who cook the root (crop very short). Oz. 10c., 25c. ¼ lb., lb. 90c.

***Summer Green.** This variety retains its color better than any other in hot weather, also remains without going to seed for a long while. The leaf is very light green; not very curly. Oz. 10c., 25c. ¼ lb., lb. 90c.

LAMBERT'S PURE CULTURE SPAWN

This type produces larger mushrooms than the English, coming into bearing somewhat earlier, and continuing for a longer time. **Standard No. 8 Cream White.** For use from April to October. **Standard No. 9 Pure White.** For use from October to April.

Prices of Pure Culture Spawn. Standard Bricks.

Per brick, about 1½ lbs..	\$0.20	25 Bricks	\$3.25
Per brick, postpaid.....	.30	50 "	6.00
5 bricks .....	.90	100 "	11.00
12 "	1.80	1000 "	105.00

Direct No. 8 Cream White. For use from April to October.

Direct No. 9 Pure White Type. For use from October to April.

Prices of Pure Culture Spawn. Direct Bricks.

Per brick	\$0.25	25 Bricks	\$4.00
Per brick, postpaid .....	.35	50 "	7.50
5 bricks	1.15	100 "	14.00
12 "	2.15	1000 "	135.00

MICHELL'S ENGLISH MUSHROOM SPAWN

15c. per brick (25c. postpaid); per doz., \$1.40; 25 lbs., \$1.60; \$6.00 per 100 lbs.; per 1000 lbs., \$55.00.

OKRA OR GUMBO

***Perkin's Long Pod.** A very dwarf prolific variety, the pods are long and dark green. Oz. 7c., 15c. ¼ lb., lb. 45c.

Dwarf Green. Exceedingly productive, dark green pods, this variety grows somewhat taller than the Perkin's. Oz. 7c., 15c. ¼ lb., lb. 40c.

White Velvet, or Creole. Pods very smooth and white. Oz. 7c., 15c. ¼ lb., lb. 40c.

PARSNIP

***Sugar, or Hollow Crown.**

Very thick, broad shouldered variety, pure white roots of large size. Oz. 8c., 15c. ¼ lb., lb. 50c. (5 lbs. \$2.25).

Guernsey or Student. Slightly shorter with a broader top or shoulder than the above. Oz. 8c., 15c. ¼ lb., lb. 50c.

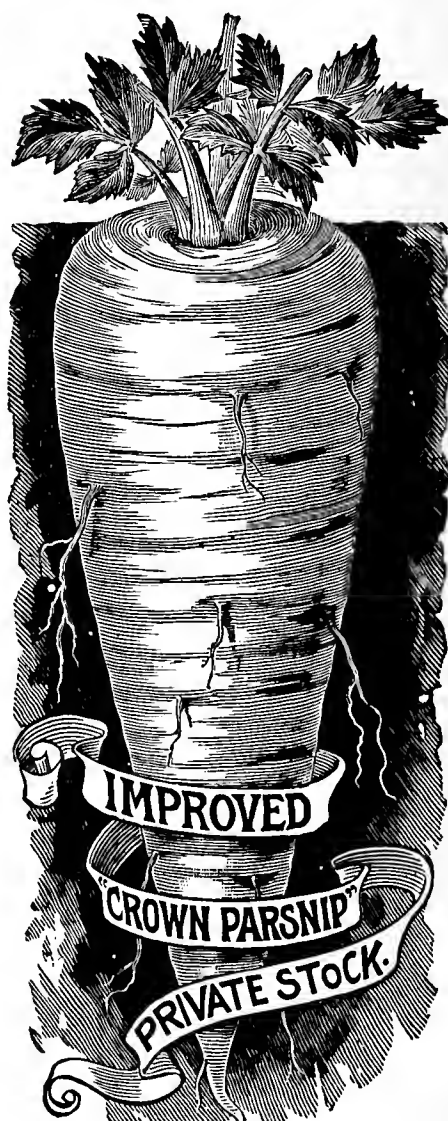
MINT

20c. per pkt. (3 pkts. 50c.).

Mint Plants. 75c. doz., \$5.00 per 100.

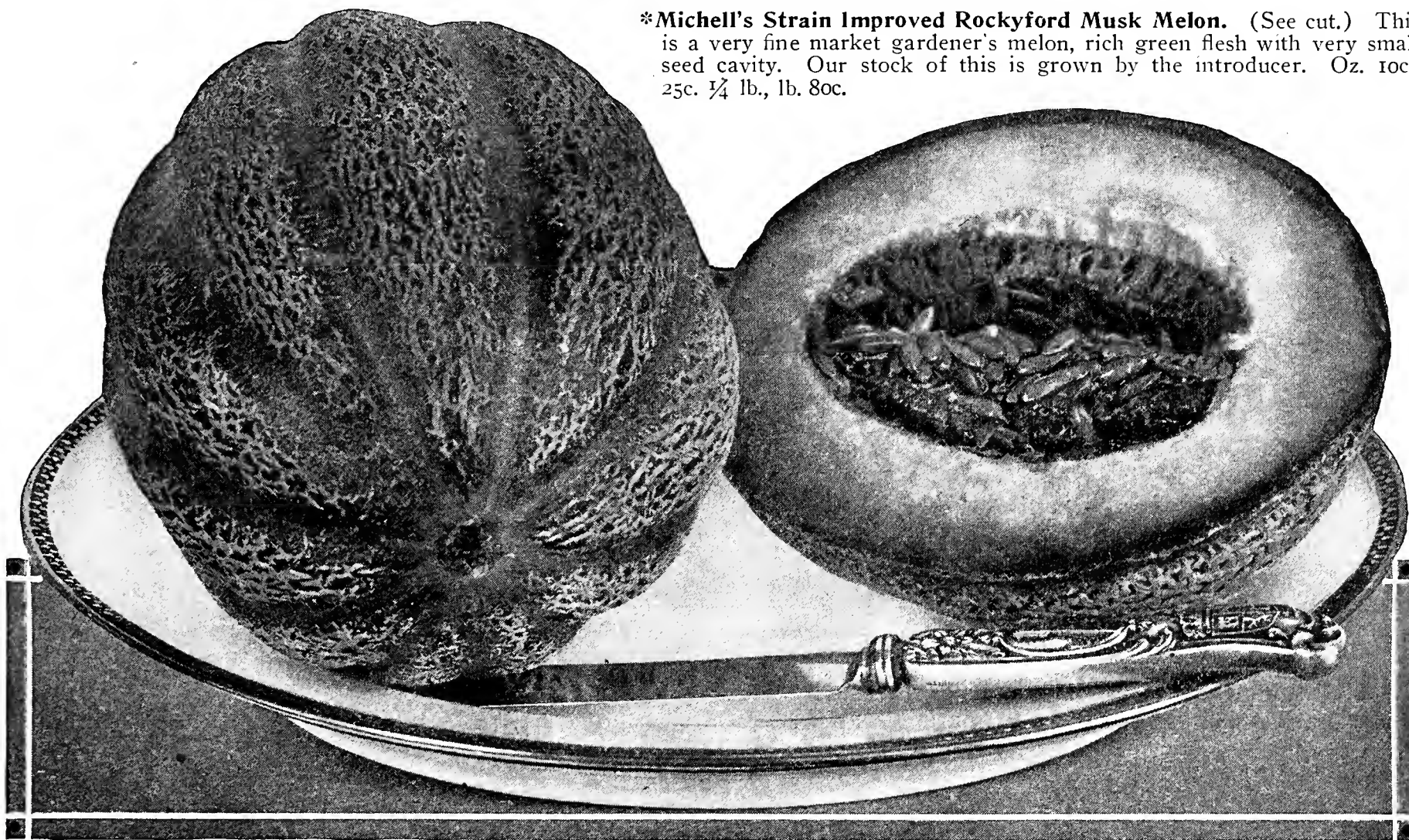
MUSTARD

White or Yellow. 5c. oz., ¼ lb. 10c., 30c. lb.



Wholesale Price List for Market Gardeners and Florists

***Michell's Strain Improved Rockyford Musk Melon.** (See cut.) This is a very fine market gardener's melon, rich green flesh with very small seed cavity. Our stock of this is grown by the introducer. Oz. 10c., 25c. $\frac{1}{4}$ lb., lb. 80c.

**MUSK MELON or CANTELOUPE**

- ***Fordhook.** An improved Emerald Gem, salmon-orange flesh, large flat fruit. Oz. 10c., 30c. $\frac{1}{4}$ lb., lb. \$1.00.
- ***Burrel Gem.** In shape similar to Rockyford, but with rich orange meat, an excellent shipper, an ideal melon for the market gardener. Oz. 10c., 30c. $\frac{1}{4}$ lb., lb. \$1.00.
- Michell's Delicious.** Very large with silver grey smooth skin, flesh deep salmon; fine for hotel trade. (Pkt. 10c.) 40c. oz., $\frac{1}{4}$ lb. \$1.00, \$3.75 per lb.
- ***Emerald Gem.** A leading variety with rich salmon flesh, very sweet and prolific. 10c. oz., $\frac{1}{4}$ lb. 30c., \$1.00 lb.
- Extra Early Hackensack.** Of Turk's Cap form, being very early, netted and deeply ribbed, flesh light green. Oz. 7c., 20c. $\frac{1}{4}$ lb., lb. 70c.
- ***Jenny Lind.** Small but very early, planted for the first picking, green flesh. Oz. 7c., 25c. $\frac{1}{4}$ lb., lb. 85c.
- Golden Jenny (Netted Gem).** Very prolific, resembling somewhat the Fordhook variety. Oz. 7c., 20c. $\frac{1}{4}$ lb., lb. 70c.
- Defender.** Salmon flesh. 8c. oz., $\frac{1}{4}$ lb. 25c., 85c. lb.
- Eden Gem.** An improved Jenny Lind. 8c. oz., $\frac{1}{4}$ lb. 25c., 85c. lb.
- Hoodoo.** Orange flesh, very fine. 8c. oz., $\frac{1}{4}$ lb. 25c., 85c. lb.
- Golden West.** The finest orange-fleshed melon grown, very large. 20c. oz., $\frac{1}{4}$ lb., 65c., \$2.50 per lb.

WATER MELON

- ***Tom Watson.** A very dark green fruit, frequently 2 feet long and 12 inches in diameter. The very dark green rind is a contrast to the bright scarlet flesh which, by the way, is of splendid texture and flavor. Nothing can touch it in the melon line for shipping qualities, the rind being tough it will resist plenty of abuse. 10c. oz., $\frac{1}{4}$ lb. 25c., 85c. per lb.
- ***Halbert Honey.** An ideal melon. The long fruits with blunt ends are very large and weigh often 50 lbs.; the rind is very thin, dark green while the flesh is a rich crimson. 7c. per oz., $\frac{1}{4}$ lb. 20c., 70c. per lb.
- ***Kleckley Sweets.** Not a shipping variety, as the rind sets too close to the ripe fluffy, rich red meat. The melons average about 20 inches long and ripen quite early. 7c. per oz., $\frac{1}{4}$ lb. 20c., 70c. per lb.

WATER MELON—(Continued)

- Black Boulder.** A mammoth melon with very dark green, almost black rind. The skin is a delicious mass of rich, red, crisp meat; a great producer. 7c. per oz., $\frac{1}{4}$ lb. 20c., 65c. per lb.
- ***Dixie.** One of the old-time favorites, roundish-long in shape. The skin is dark green, mottled light; the flesh is very sweet and ripens close to the rind. 7c. per oz., $\frac{1}{4}$ lb. 20c., 60c. per lb.
- ***Cuban Queen.** Very similar in description to Dixie, except the melon is of mammoth size; it is very solid and good for shipping. 7c. per oz., $\frac{1}{4}$ lb. 20c., 60c. lb.
- ***Mountain Sweet.** Early and very large, oblong shape, rind dark green; flesh red, solid and sweet. 7c. per oz., $\frac{1}{4}$ lb. 15c., 50c. per lb.
- Sweet Heart.** Handsome oval shape, very large, green and mottled, solid, meaty and sweet. 7c. per oz., $\frac{1}{4}$ lb. 20c., 60c. per lb.
- Florida Favorite.** Large oblong fruit with striped skin; flesh is brilliant pink, of most delicious flavor. 7c. per oz., $\frac{1}{4}$ lb. 20c., 60c. per lb.
- Dark Icing.** Large in size, very sweet and luscious. 7c. per oz., $\frac{1}{4}$ lb. 20c., 60c. per lb.
- Light Icing.** Flesh bright red, outside color very light green, round in shape. 7c. per oz., $\frac{1}{4}$ lb. 20c., 60c. per lb.

PRESERVING CITRON OR MELON

Red Seeded. 7c. per oz., $\frac{1}{4}$ lb. 20c., 60c. per lb.

POTATOES (Northern Grown)

We can also supply all other sorts.

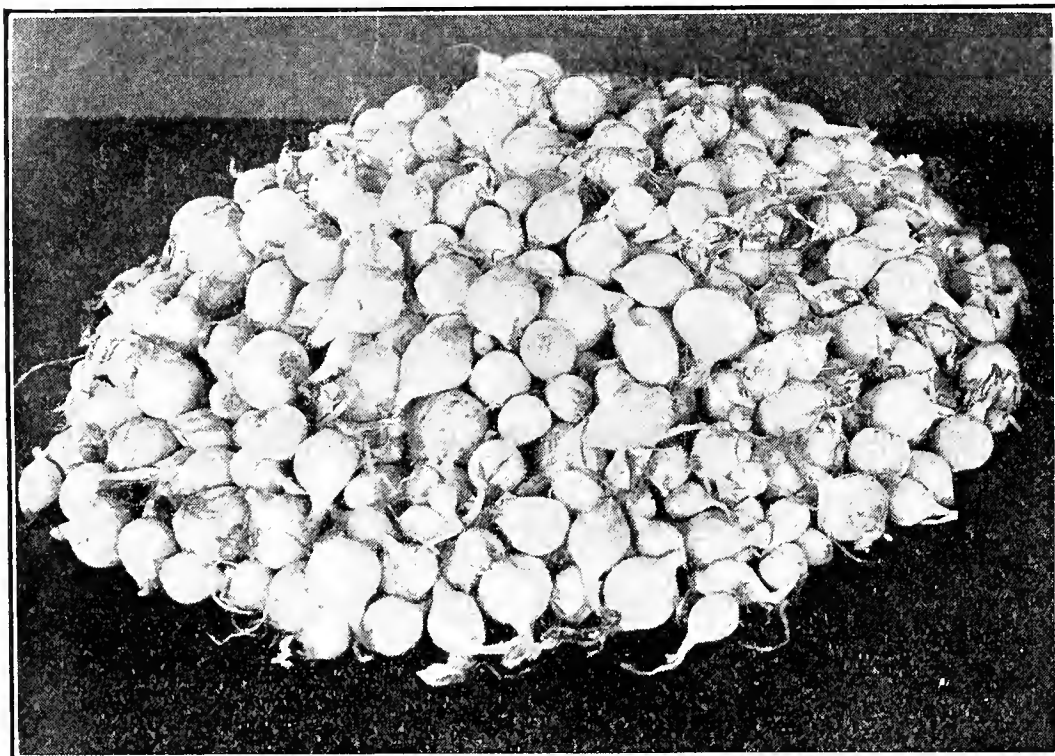
Beauty of Hebron
 Early Rose (Maine Grown)
 Michell's "Beats them All" (Ex. Early) ..
 State of Maine
 Irish Cobbler

Prices vary according to market conditions. Orders will be executed at lowest prices or we will quote on request.

SWEET POTATO PLANTS (Ready in May)

Yellow and Red Nansemond. 30c. per 100, per 1000 \$2.50.
 Special price in large lots.

Wholesale Price List for Florists and Market Gardeners



Choice Onion Sets always find a ready market

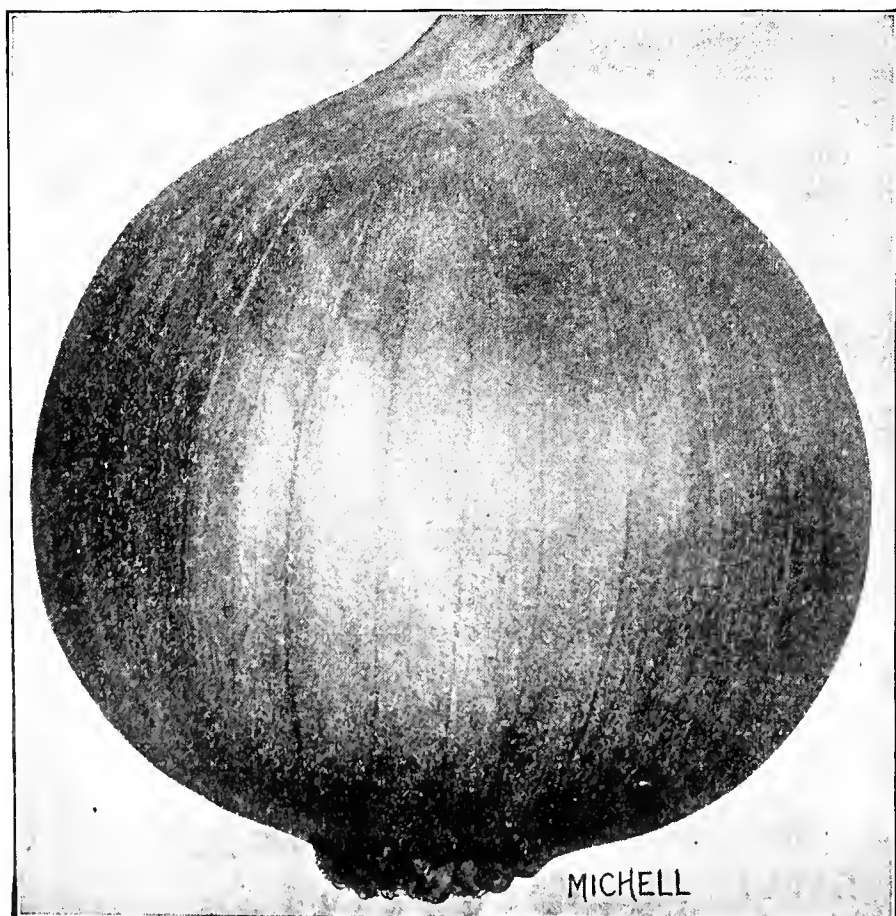
HOME GROWN ONION SETS, Etc.

Shipped on Local Orders about March 10th, unless otherwise requested.

	Quart	4 Quarts	Measured Peck Bush.
Yellow	\$.15	\$0.50	
White	.20	.70	
Red	.15	.50	
White Multiplier	.20	.70	
Potato Onion	.20	.70	
Shallots	.25	.90	
Tree or Top. (Can be supplied in Sept. and Oct.)			
Garlic Sets. Per lb. 25c., 10 lbs. for \$2.00.			

Prices vary constantly. Orders will be executed at market quotations or special prices will be quoted on request.

PRICES ON ONION SETS ARE SUBJECT TO CHANGE



Prizetaker Onion

CHOICE ONION SEED

Ailsa Craig. The largest of all onions often weighing three lbs. and over, each. In England it is the foremost variety and will be seen there on exhibition during all vegetable shows. It is globe-shaped, slightly pointed at the top and base; the color is a beautiful straw yellow. To obtain best results sow seed in the hotbed and later transplant where it is to grow; in planting place 4 to 6 inches apart and thus procure gigantic specimens. 25c. oz., ¼ lb. 75c., lb. \$2.50.

***Prizetaker.** This mammoth yellow variety if sown thinly produces full size onions in one season from seed, rivaling with the Bermuda varieties for size and flavor, often weighing 3 lbs. and more. Oz. 15c., 50c. per ¼ lb., \$1.75 per lb., 5 lbs. \$8.00.

***Danver's Yellow Globe.** This almost round in shape onion is extensively sown by the private and market gardener on account of its good keeping qualities. It is a dark straw color and always produces a good crop, growing to large size. Oz. 12c., 40c. ¼ lb., lb. \$1.40 (5 lbs. \$6.50).

Southport Yellow Globe. Similar to the Danvers, except larger in size, more like the Prizetaker.

This is probably one of the most uniform growing varieties, every bulb being almost perfectly round and of the same size; light colored skin. Oz. 12c., 40c. ¼ lb., lb. \$1.40.

***Yellow Strasburg (or Dutch).** A dark straw color skinned sort, almost flat in shape but a large onion. Its fine keeping qualities is what recommends itself to the home as well as the market gardener. For a yellow sort it is rather mildly flavored; for growing sets more of this variety is sold than any other; one of the best winter keepers. Oz. 10c., 35c. ¼ lb., lb. \$1.25 (5 lbs. \$5.75).

Large Red Wethersfield. A flat large growing variety. This class are excellent winter keepers, being flavored much like the yellow sorts; full size onions can be grown from the seed in one season. Oz. 15c., 40c. ¼ lb., lb. \$1.25.

***White or Silver Skin.** The standard white onion for market or home use, it is of very mild flavor, semi-globe shaped and is very uniform in growth and size. 20c. per oz., ¼ lb. 60c., \$2.25 per lb. (5 lbs. \$10.50).

***Southport White Globe.** A beautiful type of an almost round onion, growing to enormous size. 20c. oz., ¼ lb. 70c., \$2.50 lb.

Southport Red Globe. Form and style of this are the same as of Southport Yellow Globe. Oz. 12c., 40c. ¼ lb., lb. \$1.50.

White Barletta. Extra early small round variety used principally for pickling. Oz. 15c. 50c. ¼ lb., lb. \$1.75.

Bermuda White. An early variety growing an immense globe-shaped bulb, producing (if when transplanted about 4 inches apart) gigantic onions. Oz. 20c., 60c. ¼ lb., lb. \$2.35.

Bermuda Red. Similar in every way except color to the foregoing variety. Oz. 20c., 60c. ¼ lb., lb. \$2.35.

PUMPKIN

***Large Tours or Mammoth.** The biggest pumpkin in cultivation, producing fruits that often weigh 200 lbs. When fully ripened it is of a golden orange. Oz. 8c., ¼ lb. 25c., 80c. lb.

Tennessee Sweet Potato. An oblong-shaped, medium-sized fruit with a very light buff yellow skin, for pies it is delicious. 7c. oz., ¼ lb. 20c., 70c. lb.

***Large Cheese.** A very large, flat, ribbed fruit, of a beautiful buff yellow color. 7c. oz., ¼ lb. 20c., 60c. lb.

Japanese Pie. A crook-necked variety, deep green striped darker, which turns to a rich golden yellow. Per oz. 7c., 20c. ¼ lb., lb. 70c.

Winter Luxury. Of very round and symmetrical shape. The skin is a russet yellow, while the flesh golden orange when ripe. Oz. 10c., 20c. ¼ lb., lb. 70c.

Cashaw or Golden Crook Neck. A very meaty sort; suitable for pie or stock feeding purposes; flesh golden yellow and very tender. Per oz. 7c., 20c. ¼ lb., lb. 65c.

Connecticut or Common Field. Flesh coarse and suitable only for stock feeding; color light yellow. 4c. per oz., ¼ lb. 10c., 30c. per lb., 5 lbs. \$1.20.

NOTE. If peas are desired by mail please add 15c. per qt. for postage, regardless of zone or distance.

VARIETIES marked (*) are especially recommended for market gardeners' use.

EXTRA EARLY VARIETIES

- Alaska.** Smooth seeded, very early, height 2½ feet. 25c. qt., 4 qts. 90c., \$1.60 peck, bush. \$6.25.
- Ameer.** A very large podded early pea, following the Alaska. It is a heavy cropper. 30c. qt., 4 qts. \$1.00, \$1.75 peck, bush. \$7.00.
- American Wonder.** The earliest wrinkled dwarf variety, exceedingly sweet; height, 10 to 12 inches. 30c. qt., 4 qts. \$1.10, \$1.85 peck, bush. \$7.25.
- Bountiful.** The pods are very large and well filled; it is very early, a good cropper. 30c. qt., 4 qts. \$1.00, \$1.85 peck, bush. \$7.25.
- Dandy Extra Early.** These are a selection of the Eureka; smooth seeded, very prolific. 30c. qt., 4 qts. \$1.10, \$1.75 peck, bush. \$7.00.
- Early June.** A green-seeded, smooth pea, desirable for first planting, an improvement on Alaska; height, 2½ feet. 25c. qt., 4 qts. 90c., \$1.60 peck, bush. \$6.25.
- Early Morn.** One of the earliest of wrinkled peas, earlier and better it is claimed than Gradus or Thos. Laxton. The pods are large and well filled, matures in 60 days and is very prolific. 30c. qt., 4 qts. \$1.10, \$2.00 peck, bush. \$8.00.
- Eureka.** A great producer and extremely early, smooth-seeded; height, 24 inches. 25c. qt., 4 qts. 90c., \$1.60 peck, bush. \$6.25.
- Gradus, or Prosperity.** Exceedingly luscious, wrinkled and a producer of gigantic pods and peas; height, 36 inches. 40c. qt., 4 qts. \$1.25, \$2.25 peck, bush. \$9.00.
- Harvester.** A great producer under trying conditions. 18 inches high, very sweet, wrinkled. Qt. 45c., \$1.75 for 4 qts., pk. \$3.25, \$12.00 per bushel.
- Laxtonian.** An extra early marrowfat type, growing 12 inches high, very prolific. 30c. qt., 4 qts. \$1.10, \$1.90 pk., bu. \$7.50.
- Little Marvel.** Dwarf wrinkled variety, very sweet and prolific, 15 to 18 inches high. 35c. qt., 4 qts. \$1.10, \$2.00 pk., bu. \$8.00.
- McLean's Little Gem (or Premium Gem).** Similar to American Wonder, but a heavier producer, wrinkled seed; height, 18 inches. 30c. qt., 4 qts. 95c., \$1.75 peck, bush. \$7.00.
- Michell's Special Extra Early.** Extremely early, lusciously sweet and very tender; a grand yielder; height, 24 inches. 40c. qt., 4 qts. \$1.40, \$2.25 peck, bush. \$9.00.
- Nott's Excelsior.** One of the leading varieties for the market garden. Height, 15 inches. 30c. qt., 4 qts. \$1.00, \$1.85 peck, bush. \$7.25.
- Saxonia.** One of the earliest peas, producing pods 3½ inches long. The vines grow about 2 feet high and are very vigorous. 30c. qt., 4 qts. \$1.00, \$1.75 peck, bush. \$7.00.
- Sutton's Excelsior.** It is dwarf, growing about 16 inches and makes a long, broad pod, well filled. 30c. qt., 4 qts. \$1.10, \$2.00 peck, bush. \$7.75.
- Thos. Laxton.** On a par with Gradus in quality, heavy producer. 40c. qt., 4 qts. \$1.35, \$2.25 peck, bush. \$9.00.

GENERAL OR LATER CROP VARIETIES

- Black Eye Marrowfat.** Excellent where a large crop is desired; height, 4 feet. 20c. qt., 4 qts. 75c., \$1.35 per peck, bush. \$5.00.
- Champion of England.** A very tall, rank grower, but a wonderful yielder of delicious quality peas; seed wrinkled; height, 5 feet, 30c. qt., 4 qts. 90c., \$1.60 peck, bush. \$6.25.
- Dwarf Champion.** Possesses most all the good qualities of the famous Champion of England, and having the further advantage of being dwarf; a very delicious pea, which should be planted largely; height, 2 feet. 30c. qt., 4 qts., \$1.00, \$1.75 peck, bush. \$6.75.
- Fillbasket.** Market gardeners and those desiring a large crop should plant this variety; quality very good; height, 30 inches. 25c. qt., 4 qts. 90c., \$1.75 peck, bush. \$7.00.
- Stratagem (Improved).** Immense pods, containing an abundance of good, large, tender peas; seed wrinkled; height, 20 inches. 30c. qt., 4 qts. \$1.10, \$1.85 peck, bush. \$7.25.

SUGAR OR EDIBLE POD VARIETIES

- This type produces large, well-filled pods. The latter are cooked with the peas intact. They are very tender and exceedingly sweet.
- Dwarf Sugar.** Gray seed; height, 2 feet. 30c. qt., 4 qts. \$1.10, \$2.00 peck, bush. \$8.00.
- Melting Sugar.** White seed; height, 4 feet. 35c. qt., 4 qts. \$1.25, \$2.25 peck, bush. \$9.00.

SECOND EARLY VARIETIES

- Alderman.** A very large pod filled with luscious peas; plants grow 3 feet high and are very prolific. 30c. qt., 4 qts. \$1.00, \$1.75 peck, bush. \$7.00.
- Bliss Abundance.** Large pods containing six and even more peas of a delicious flavor. 25c. qt., 4 qts. 85c., \$1.60 peck, bush. \$6.25.
- Daisy, or Dwarf Telephone.** One of the best medium early sorts, bearing heavy pods in the greatest abundance. 30c. qt., 4 qts. \$1.00, \$1.75 peck, bush. \$7.00.
- Heroine.** A fine, wrinkled variety; height, 2 feet; a great cropper. 30c. qt., 4 qts. \$1.00, \$1.75 peck, bush. \$7.00.
- Long Island Mammoth.** Largely in use among market gardeners; it yields handsome, large peas. 30c. qt., 4 qts. 95c., \$1.75 peck, bush. \$6.75.
- Pride of the Market.** An excellent dwarf variety for early summer use; pods containing as many as nine peas. 30c. qt., 4 qts. \$1.00, \$1.75 peck, bush. \$7.00.
- Potlatch.** A grand variety similar to Daisy, very sweet. Qt. 30c., \$1.10 for 4 qts., pk. \$2.00, \$8.00 per bushel.
- Quite Content.** An improved Alderman, very large pods, containing often 9 to 10 peas, is very prolific, yielding for a long while; 5 to 6 feet high. Qt. 35c., \$1.20 per 4 qts., pk. \$2.00, \$8.00 bu.
- Telephone (Tall).** The finest late wrinkled pea grown; exceedingly sweet; an abundant producer; height 3½ feet. 30c. qt., 4 qts. \$1.00, \$1.75 per peck, bush. \$6.75.
- White Marrowfat.** Used for cooking with meats; height, 3 feet. 20c. qt., 4 qts. 75c., \$1.35 per peck, bush. \$5.00.

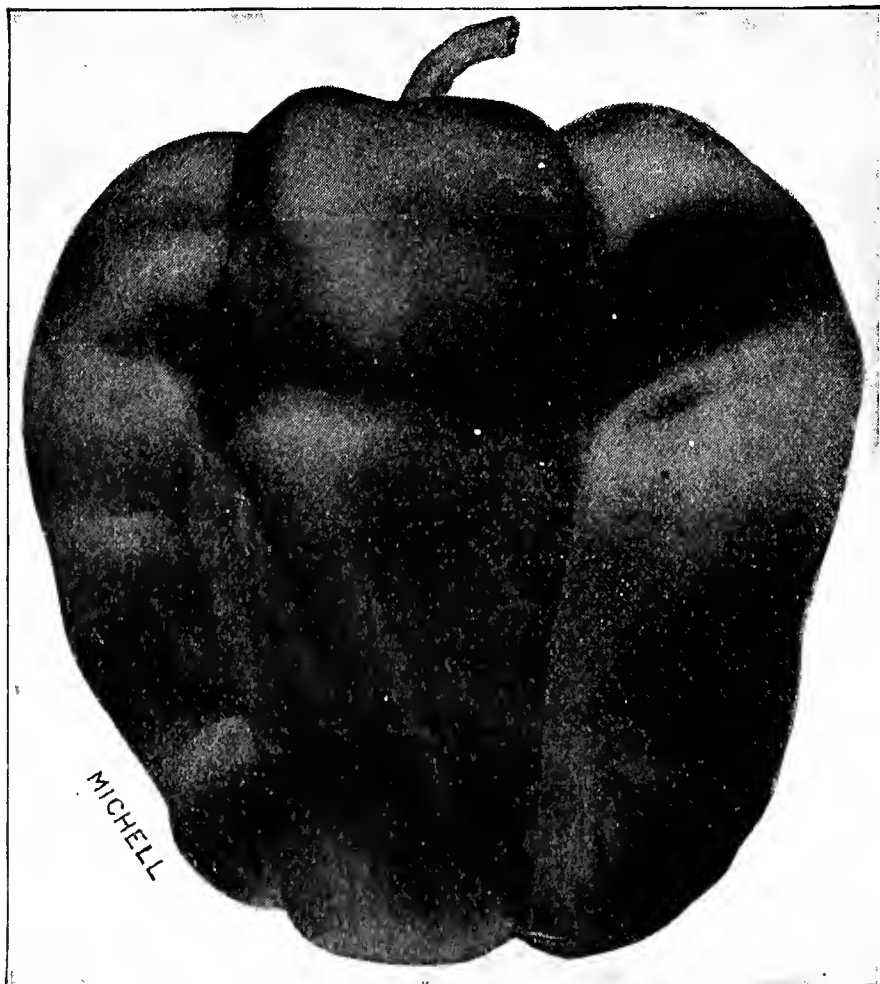
Wholesale Price List for Market Gardeners and Florists

PEPPER Choice Seed, New Jersey Grown

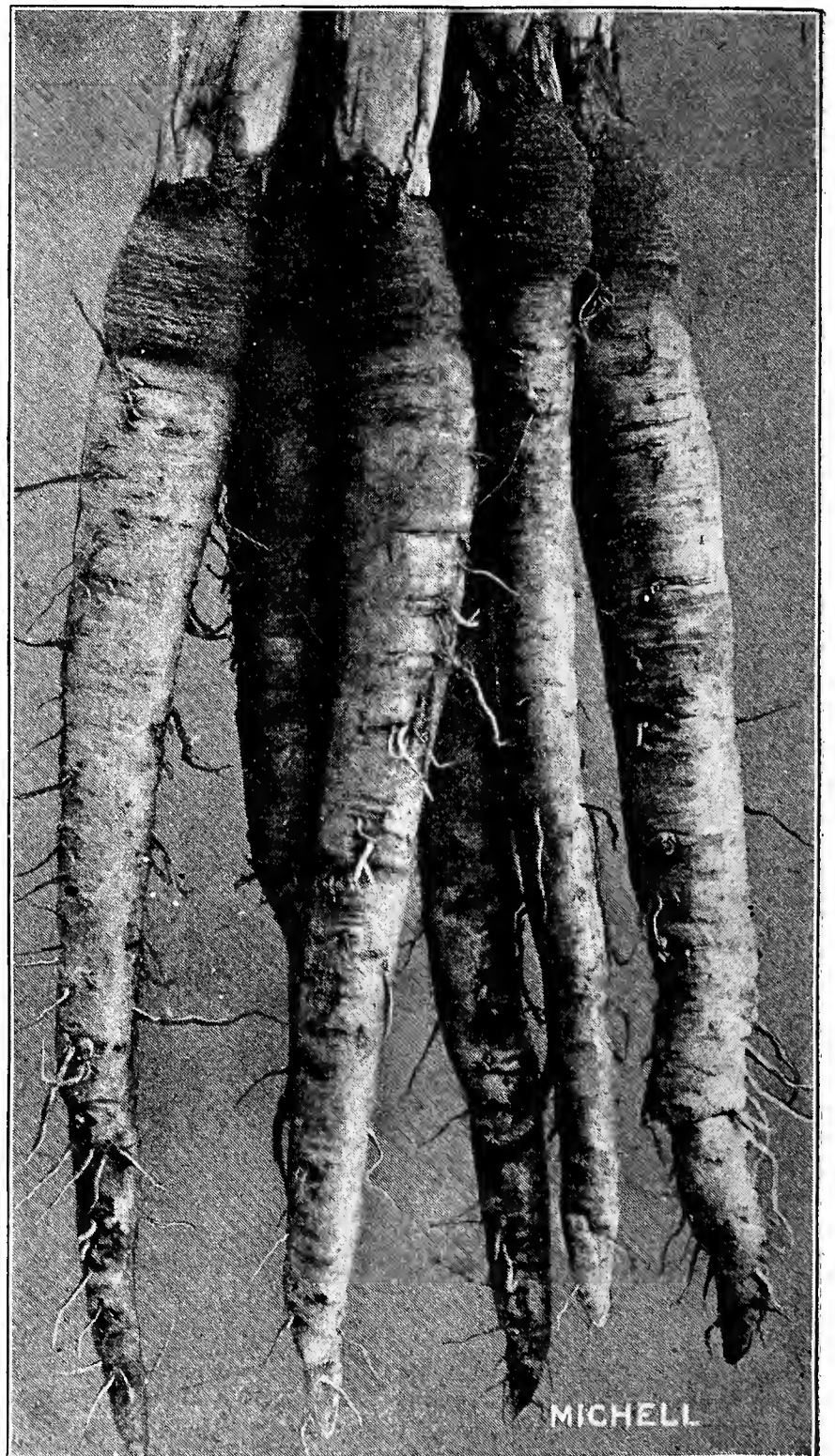
- ***Cayenne.** A long red variety, very hot and used principally for bunching with pot herbs. 15c. oz., ¼ lb. 50c., \$1.75 lb.
- Celestial.** A Chinese variety bearing roundish upright pods of various colors on one bush. 20c. oz., ¼ lb. 60c., \$2.00 lb.
- ***Chinese Giant.** This is a real monster pepper, perfectly sweet, the fruit is green turning to bright scarlet, matures very late, a very shy seeder. One of the best for market. 35c. oz., ¼ lb. \$1.25, \$4.50 per lb.
- Ruby Giant (New).** Very large; adapted for stuffing; mild flavor. 30c. oz., ¼ lb., \$1.10, \$4.00 per lb.
- Golden Dawn.** A large yellow variety, shaped like the Chinese Giant, very sweet. 20c. oz., ¼ lb. 60c., \$2.00 lb.
- Hot Bull Nose.** This variety is identical, except flavor, with the Sweet sort bearing the same name. 20c. oz., ¼ lb. 65c., \$2.25 lb.
- Large Sweet Spanish.** A variety rivaling with Chinese Giant, is, however, not as large. Color and shape very similar, also late in maturing. 20c. oz., ¼ lb. 60c., \$2.00 lb.
- Neapolitan.** This variety is an excellent one, grows in long shape and somewhat narrow; it stands upright on the bushes. The fruit is sweet and bright red; a very early sort. 20c. oz., ¼ lb. 70c., \$2.50 lb.
- New Apple Pepper.** A variety of novel appearance, having the form of an apple standing upright on the plant; first green it afterwards turns a brilliant red, very mild in flavor. For prolificness nothing can surpass it, beginning very early it continues to bear until killed by frost; about 3 inches in diameter. Choice seed grown at our Evergreen Seed Gardens (limited supply). 8c. per pkt. (2 pkts. 15c.).
- Red Cherry.** A small upright growing sort; very hot in flavor. 20c. oz., ¼ lb. 60c., \$2.00 lb.
- Ruby King.** A large red variety resembling Bull Nose. 20c. oz., ¼ lb. 60c., \$2.25 lb.
- Small Chili.** Used principally for seasoning and making sauce; the small, narrow, red pods are very hot. 20c. oz., ¼ lb. 60c., \$2.00 lb.
- ***Large Bell or Bull Nose.** The standard pepper for market; a great producer. The large fruits are green, but later turn a vivid scarlet. 20c. oz., ¼ lb. 60c., \$2.00 lb.

PEPPER PLANTS

	Doz.	100	1000
Hotbed Grown	\$0.15	\$1.00	\$7.50
Pot Grown .....	.45	3.50	32.50



Chinese Giant Pepper



Mammoth Sandwich Island Salsify

SALSIFY (Oyster Plant)

- Long White.** The favorite market variety, somewhat thinner than the Sandwich Island variety. Oz. 7c., 25c. ¼ lb., lb. 90c.
- ***Mammoth Sandwich Island.** This variety is of enormous size, twice as large as the ordinary French; pure white, very tender and delicious. Oz. 10c., 30c. ¼ lb., lb. \$1.10.

A LETTER FROM GEORGIA

HICKOX, GA.

Seeds arrived O. K. Thanks for your courteous handling of my order. A prospective customer I had in mind for you; bought elsewhere, his seeds arrived at the time yours did, so we are off in a race for supremacy. Michell's seeds are already, at the start, far in the lead.

H. J. McGEE.

ROSEMARY

	Oz.	¼ lb.	Lb.
Linnaeus	\$0.25	\$0.90	\$3.25

RHUBARB

Victoria10	.30	1.00
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RHUBARB ROOTS

	Doz.	100	1000
Large Size	\$0.50	\$3.50	\$32.50
Giant Size for forcing	1.50	10.00	90.00

SORREL. French Broad Leaved, oz. 12c., 25c. ¼ lb., lb. \$0.80.

RADISH

EARLY SORTS

Brightest Scarlet, Half Long. Entirely distinct, being a vivid scarlet color, tipped with white. 7c. oz., ¼ lb. 15c., 50c. lb.

***Cardinal or Scarlet Globe.** The very best forcing variety, is of globular shape and brilliant cardinal red color. 7c. oz., ¼ lb. 20c., 65c. lb.

***Cardinal Globe (Improved Strain).** This popular radish will be welcomed readily in an improved form, the color and shape are perfect. The leading variety for the market gardener and one of which we sell in very large quantities. The seed of this is harvested from transplanted roots, which have been especially selected as to color and shape. 10c. oz., ¼ lb. 30c., \$1.00 lb.

Crimson Giant. Turnip shaped; very large and tender. Oz. 7c., 20c. ¼ lb., lb. 70c.

***Early French Breakfast.** Oblong shape, rapid grower, of a beautiful scarlet color, tipped white. Oz. 7c., 20c. ¼ lb., lb. 60c.

***Fireball.** Turnip shaped; brilliant scarlet color, crisp and tender; useful only as a forcing variety or for early spring sowing. 7c. oz., ¼ lb. 20c., 60c. lb.

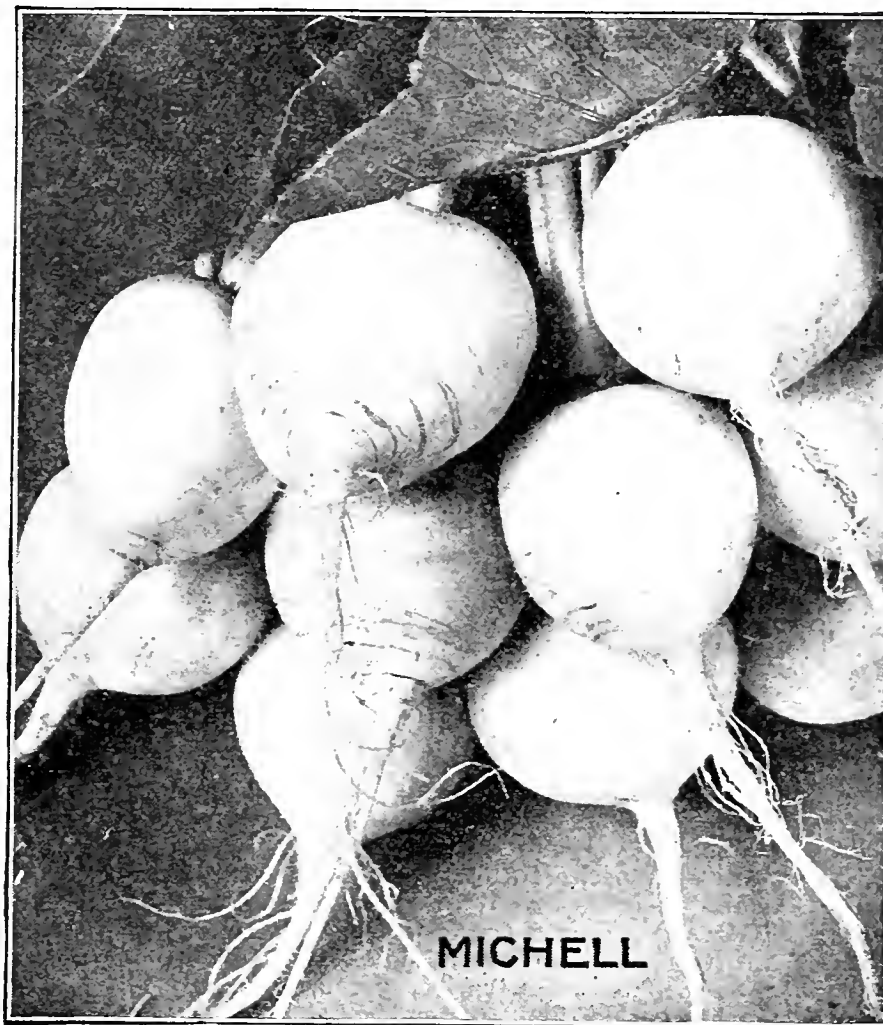
***Icicle.** A magnificent white variety of fine taste, grows 3½ to 4 in. long in 22 days. Also suitable for summer. Oz. 7c., 20c. ¼ lb., lb. 60c.

***Long Scarlet Short Top or Salmon.** The standard variety: long bright scarlet with small short top. Oz. 7c., 15c. ¼ lb., lb. 50c.

***Round Red Forcing or Button.** Very quick in maturing, very short top. 7c. oz., ¼ lb. 20c., 60c. lb.



Michell's Private Stock Cardinal Globe Radish



Felton's Stock White Box Radish.

EARLY SORTS—Continued

Round White Forcing or Turnip. An excellent small solid variety. 7c. oz., ¼ lb. 20c., 60c. lb.

***White Box, Felton's.** (Private stock.) A selection of the old reliable White Box radish, more perfect in form, producing shorter tops, and does not have a tendency to grow long in shape. 7c. oz., ¼ lb. 20c., 60c. lb.

White Box, Philadelphia Grown. Perfectly round, smooth skin, pure white. 7c. oz., ¼ lb. 15c., 50c. lb.

SUMMER SORTS

***Beckert's Chartier (Long).** Color bright salmon scarlet, shading to white as it approaches maturity; it is very crisp and tender. Oz. 7c., 20c. ¼ lb., lb. 60c.

Golden Olive Shaped Yellow. An improvement on the old Yellow Globe sort. This is an ideal summer radish and is of exceptional quality, very mild. Oz. 7c., 15c. ¼ lb., lb. 50c.

Large White Summer Turnip. Very large root of uniform round shape. Oz. 7c., 15c. ¼ lb., lb. 45c.

Long White Lady Finger. A fine white, crisp and mild variety. Oz. 7c., 15c. ¼ lb., lb. 50c.

***White Strasburg.** Oblong of a pure white color, and mild flavor. This is one of the standard half long varieties for the market gardener. Oz. 7c., 15c. ¼ lb., lb. 50c.

WINTER VARIETIES

***California White Winter.** Grows 8 to 10 inches long. One of the best for winter. Oz. 7c., 20c. ¼ lb., lb. 60c.

***Celestial or White Chinese.** Large size. Pure white, excellent keeper. Oz. 7c., 20c. ¼ lb., lb. 70c.

***Half Long Black.** A great improvement on the old Long Spanish Radish. Oz. 7c., 20c. ¼ lb., lb. 60c.

Long Black Spanish. A favorite among winter sorts. Oz. 7c., 15c. ¼ lb., lb. 45c.

Round Black Spanish. Like the above, except in form. Oz. 7c., 15c., ¼ lb., lb. 45c.

China Rose. Bright rose color; flesh firm. One of the best for winter use. Half long in shape with a scarlet blunt tip. Fine variety for market gardeners. 7c. oz., ¼ lb. 20c., 60c. lb.

Wholesale Price List for Market Gardeners
and Florists

SQUASH

SUMMER VARIETIES

Golden Custard. A flat scalloped type, like the White Bush; the skin is of a light yellow color, which is very thin, leaving plenty of meat in the centre; a bush or compact growing kind. Oz. 7c., 20c. $\frac{1}{4}$ lb., lb. 60c.

***Mammoth White Bush.** Of round scalloped form with an ivory white skin. This variety has an abundance of meat of very fine flavor. It is one of the earliest to mature and is very prolific, bearing continually until killed by frost. Comes in market earlier than any other. Oz. 7c., 20c. $\frac{1}{4}$ lb., lb. 60c.

Yellow Summer Crook Neck. Shaped like a club with a bent neck. The skin is very rough and warted, of an orange yellow color. Much preferred by the cook on account of its very dry meat when boiled. This is a running variety. Oz. 7c., 15c. $\frac{1}{4}$ lb., lb. 55c.

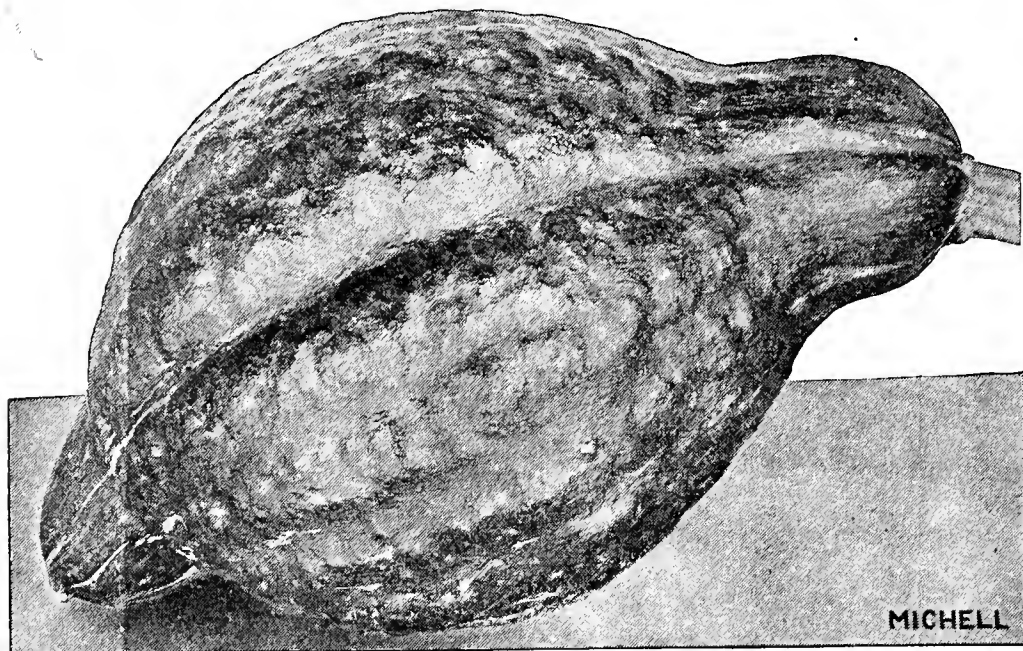
FALL AND WINTER VARIETIES (Running Sorts)

***Delicious.** Well named, as it has the finest flavor of any squash, of oblong shape with a deep green skin and thin rind, with a seed cavity so small that it almost meets in the centre. One of the best winter keepers; grown extensively for market; when matured it weighs from 5 to 10 lbs. and is in its prime during the early winter. Oz. 7c., 25c. $\frac{1}{4}$ lb., lb. 85c.

***Golden Hubbard.** Used extensively for pie, and served as a vegetable; it is very dry and delicious. The outside is a deep orange red, while the flesh is very tender. An ideal winter market squash. Oz. 7c., 25c. $\frac{1}{4}$ lb., lb. 65c.

Boston Marrow. Shaped similar to Hubbard, golden orange; fine for canning for winter use; cooked as a vegetable or in pie. Oz. 7c., 20c. $\frac{1}{4}$ lb., lb. 60c.

Vegetable Marrow. A long greenish white variety; fine for cooking; very sweet and tender. This is the favorite squash with the English people. Market gardeners will find a ready demand for this sort. Oz. 7c., 20c. $\frac{1}{4}$ lb., lb. 70c.



Golden Hubbard Squash

SPINACH

Bloodsdales Round-Seeded Savoy (Improved Strain.) The hardiest Savoy leaved variety; curled and crimped, thick, fleshy leaves; the best for early spring and fall sowing. 8c. $\frac{1}{4}$ lb., lb. 20c., \$1.25 per peck (10 lbs.), bushel (40 lbs.) \$5.00.

Long Season. A cross between the old reliable Bloodsdales and the Victoria. It produces tremendously large plants and leaves which are strong and robust. It will resist heat better without shooting to seed than any variety yet introduced. The leaves are somewhat curled, and are tender. Color, a beautiful dark green. 10c. $\frac{1}{4}$ lb., lb. 25c., \$1.60 per peck (10 lbs.), bushel (40 lbs.) \$6.00.

New Zealand. This variety endures heat and drought; excellent for summer use; the leaves are small and thick. It is an enormous yielder, growing upright, one sowing can be picked from the entire summer, a very distinct variety. This variety is not used much by market gardeners, but if once introduced by them would find a ready sale; it insures a supply of spinach all season regardless of heat. 20c. $\frac{1}{4}$ lb., lb. 60c. (\$5.00 per 10 lbs.).

Victoria Long Standing. This thick-leaved variety is distinguished by the exceedingly dark green color, and also for its long-standing qualities and crinkled foliage, especially valuable for summer use, resisting the heat to a remarkable degree. 8c. $\frac{1}{4}$ lb., lb. 20c., \$1.25 per peck (10 lbs.), bushel (40 lbs.) \$5.00.

Garden Giant (New). A last year's introduction of ours; it produces an enormous plant and leaf and is especially desirable where quantity is wanted. It is suitable for either spring or fall, though not a winter spinach; very dwarf. 25c. lb., \$1.00 per 5 lbs., 10 lbs. \$2.00.

SWISS CHARD

To our knowledge no market gardener has ever attempted to grow this for profit, and yet we find that among our general customers there is a great demand for it, and we honestly believe that if properly introduced it could be made one of the most profitable of garden products. It will bring in twice as much money per acre as spinach and can be cut all summer, as it does not go to seed.

Giant Lucullus Oz. $\frac{1}{4}$ lb. Lb. 5 Lbs.
\$0.10 \$0.25 \$0.85 \$3.50

SAFFRON Oz. $\frac{1}{4}$ lb. Lb.
\$0 07 \$0 20 \$0 60

SAGE 10 30 1 00

SAGE PLANTS 75c. doz.; 100 \$5.00

SAVORY (Summer) 10 30 1 00

SWEET BASIL 10 30 1 00

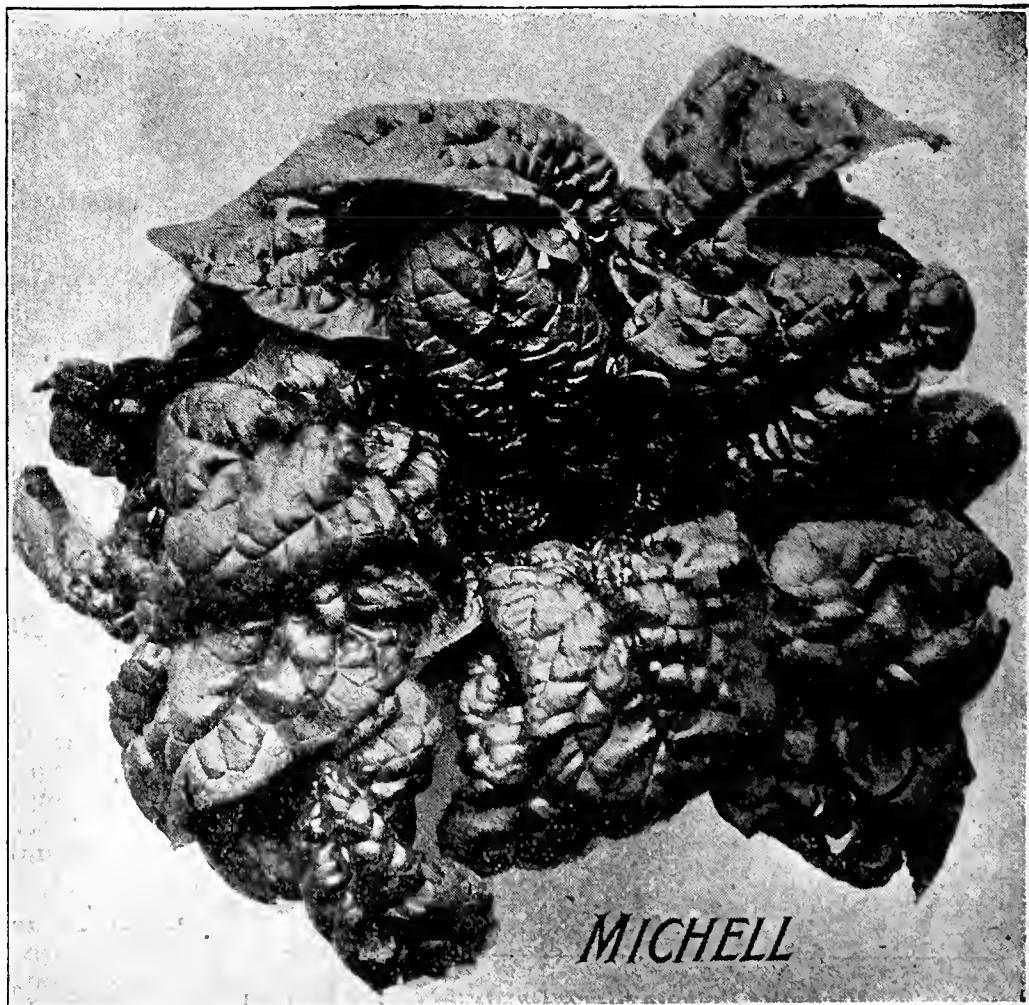
SWEET MARJORAM (American) 30 1 10 4 00

SWEET MARJORAM (Imported) 15 50 1 60

THYME (Broad Leaved) 30 1 10 4 25

TOBACCO SEED. Havana, Connecticut, Pennsylv.

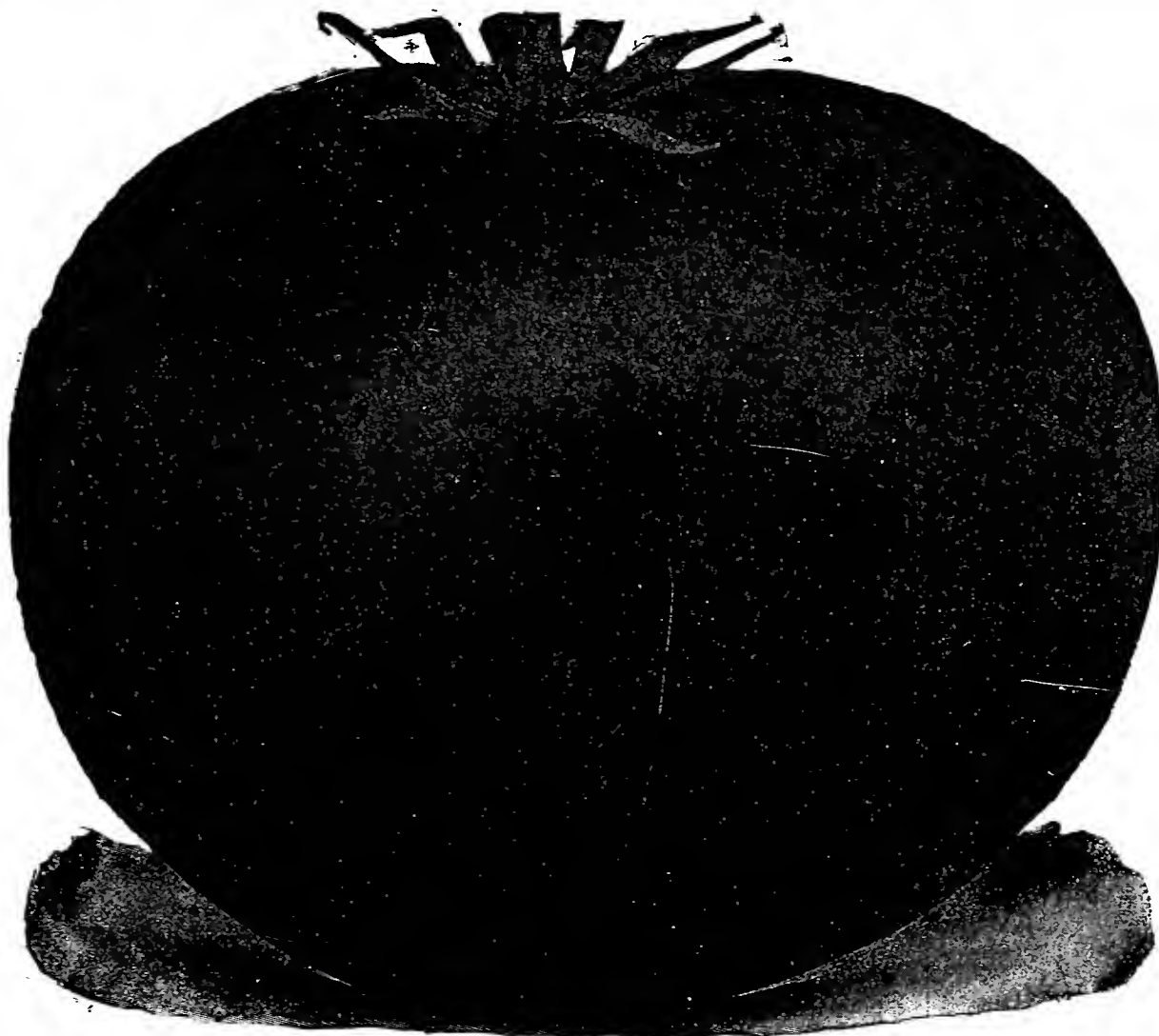
vania. Each, 7c. per pkt.



Long Season Spinach

Michell's Choice Tomato Seed

Grown especially for Market Gardeners' Trade. Varieties marked * are suited best for market growing.



Michell's Private Stock Stone Tomato

Early Varieties

***Michell's Crackerjack.** Its "distinctive" qualities are so numerous that space will not permit us to describe all. Here are some:

Two weeks earlier than any other sort tried in our gardens. A continuous early bearer, producing fruits right up till frost time. The most abundant tomato we know, absolutely smooth fruit; never cracks, except when overripe. All fruit is of even size, and every fruit can be used. Grows in clusters from 5 to 10 perfect tomatoes, of a brilliant rich scarlet. The firm flesh makes it an ideal shipper. 7c. pkt., 1/2 oz. 15c., 30c. oz., 1/4 lb. \$1. \$3.75 lb.

***Michell's Very First.** Frequently the tomatoes will weigh fourteen to sixteen ounces each. It is a heavy producer of handsome fruits which are all well shaped and of a bright red color, in our trials we have found it to be the very first to ripen. Pkt. 7c.; 20c. per 1/2 oz.; oz. 40c., \$1.35 per 1/4 lb., lb. \$5.00.

***Earliana (Spark's).** The most prolific early tomato ever produced. Grows in clusters; medium in size; solid and most desirable. 10c. per 1/2 oz., oz. 20c., 60c. 1/4 lb., lb. \$2.25.

***Bonny Best.** One of the best and most prolific of early tomatoes. The size is not so large but it is very solid and evenly formed. Color a beautiful bright red. Pkt. 7c., 13c. 1/2 oz., oz. 25c., 75c. per 1/4 lb., lb. \$2.75.

***Early Jewel (Chalk's).** A favorite variety with the market gardener. Color, a bright red; solid and a good shipper. Pkt. 7c., 13c. per 1/2 oz., oz. 25c., 75c. per 1/4 lb., lb. \$2.50.

***June Pink.** One of the recent introductions in tomatoes. In habit it is very much like Earliana, but a beautiful pink color instead of red. 1/2 oz. 10c., oz. 20c., 60c. per 1/4 lb., lb. \$2.25.

***Beauty.** One of the largest bright red tomatoes, solid and meaty, quite early. Oz. 15c., 50c. per 1/4 lb., lb. \$1.75.

Forcing Varieties

While especially adapted for growing under glass during the winter, they succeed outdoors quite well, and have one especially valuable feature, being extremely early.

Stirling Castle. A firm, medium fruit, with few seeds; very productive and of uniform shade, color rich red. Pkt. 7c.; 15c. 1/2 oz., oz. 30c., \$1.00 per 1/4 lb., lb. \$3.50.

Forcing Varieties—Continued

Michell's Crackerjack. See opposite column.

Sutton's Best of All. Grown from original stock. The fruit is medium sized, and of an intense red color, containing but few seeds, it is produced in clusters of from three to six fruits. Pkt. 7c., 20c. 1/2 oz., oz. 35c., \$1.25 per 1/4 lb.

Frogmore. Grows in large clusters and especially fine variety, very uniform and prolific, of deep red color. Pkt. 7c., 15c. 1/2 oz., oz. 25c., 85c. 1/4 lb., lb. \$3.25.

Comet. A cluster averages six tomatoes of medium size of the brightest red, ripening up to the stem. Continues in bearing for a long while. 7c. pkt., 1/2 oz. 20c., 35c. oz., 1/4 lb. \$1.00, \$4.00 lb.

Sutton's Eclipse. A very smooth fruit, borne singly on plants which produce little foliage, a good point in a forcing tomato, vermilion red color; original packets 40c.

Later and General Crop Varieties

Michell's Improved Globe. One of the largest and heaviest tomatoes on our list, the shape is rather oblong so that for slicing it cuts more from a fruit than any other variety; absolutely smooth, never cracks and colors right to the stem. Pkt. 7c., 15c. per 1/2 oz., oz. 30c., \$1.00 per 1/4 lb., lb. \$3.75.

***Livingston's Globe.** Especially adapted to slicing; very solid; color a handsome red, and a great producer; one of the best general crop varieties. 10c. 1/2 oz., oz. 20c., 60c. 1/4 lb., lb. \$2.25.

***Stone (Michell's Private Stock).** A very careful selection of the old favorite Stone. The fruits are larger, more even, and produced in greater abundance. One of the best tomatoes on the market. 15c. 1/2 oz., oz. 25c., 75c. 1/4 lb., lb. \$2.50.

Greater Baltimore. An excellent variety for canning or market use, very large and solid, of rich red color, uniform in size. 7c. pkt., 1/2 oz. 15c., 25c. oz., 1/4 lb. 75c., \$2.75 per lb.

Dwarf Giant. A dwarf type of true Ponderosa, very meaty and of gigantic size, rich purple crimson, fine shipper. Pkt. 7c., 15c. 1/2 oz., oz. 30c., \$1.00 per 1/4 lb., lb. \$3.75.

Stone. (Usual Strain.) 10c. 1/2 oz., oz. 20c., 60c. 1/4 lb., lb. \$2.00.

***Red Rock.** One of the most solid varieties, medium size and of a brilliant red color, a fine one for the market garden; medium early. 7c. pkt., 15c. 1/2 oz., oz. 25c., 85c. 1/4 lb., lb. \$3.00.

***Ponderosa.** The largest tomato in existence; a beautiful red color; heavy producer, and of even form. 7c. pkt., 1/2 oz. 15c., oz. 25c., 90c. 1/4 lb., lb. \$3.25.

Dwarf Champion. A distinct type, the plant looks like a miniature tree; very dwarf and compact; color of fruit bright red and very solid. 10c. 1/2 oz., oz. 20c., 60c. 1/4 lb., lb. \$2.00.

***Dwarf Stone.** A compact growing plant, yielding a large crop of medium-sized solid tomatoes. Color, bright red. The plant is very distinct. 10c. 1/2 oz., oz. 20c., 65c. 1/4 lb., lb. \$2.50.

Golden Queen. Large yellow. 10c. 1/2 oz., oz. 20c., 70c. 1/4 lb., lb. \$2.25.

Matchless. Large red fruit, general crop. 10c. 1/2 oz., oz. 20c., 60c. 1/4 lb., lb. \$2.25.

Small Fruited Varieties

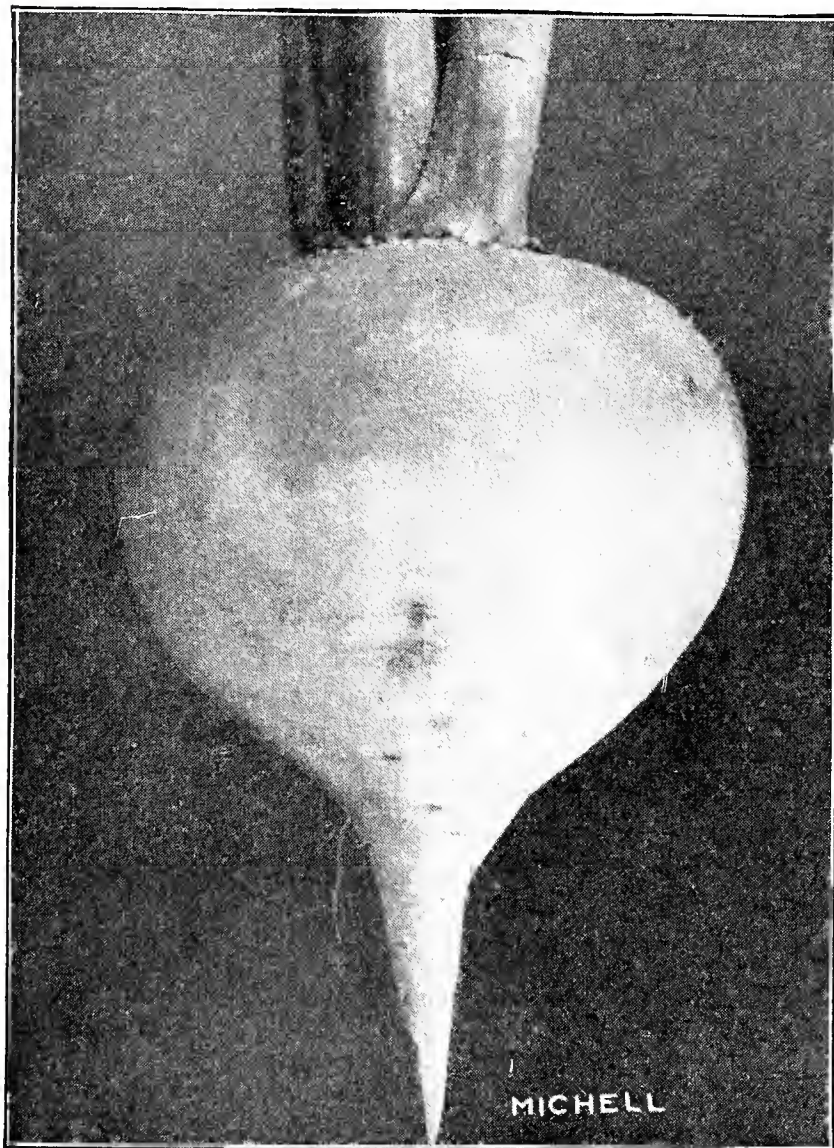
Highly desirable for preserving, almost free from acid.

	1/2 Oz.	Oz.	1/4 Lb.	Lb.
Red Cherry.....	\$0.10	\$0.20	\$0.60	\$2.00
Yellow Pear or Plum.....	.10	.20	.60	2.00
Strawberry or Husk.....	.10	.20	.60	2.00
Red Peach of peach form and color...	.10	.20	.60	2.25

Tomato Plants (Ready in April)

	Doz.	100	1000
Hotbed-Grown. Leading sorts.....	\$0.15	\$1.00	\$7.50
Pot-Grown Crackerjack .....	.60	4.50	
Pot-Grown. Extra strong stock; leading sorts	.45	3.50	30.00

Wholesale Price List for Florists and Market Gardeners



Private Strain Improved Purple Top White Globe Turnip

TURNIP

- Aberdeen.** A flat yellow variety, a good winter keeper. Oz. 5c., 15c. $\frac{1}{4}$ lb., lb. 45c.
- Cow Horn.** A long white variety used for soiling and stock feeding. Oz. 7c., 15c. $\frac{1}{4}$ lb., lb. 50c.
- Early Purple Top Munich.** A flat variety, very early, white flesh. Oz. 7c., 15c. $\frac{1}{4}$ lb., lb. 50c.
- Early White Flat Dutch.** A good variety for early spring sowing, matures quickly. Oz. 5c., 15c. $\frac{1}{4}$ lb., lb. 40c.
- *Early Purple Top Flat.** The most popular variety in cultivation, a large yielder, well flavored. Oz. 5c., 15c. $\frac{1}{4}$ lb., lb. 45c.
- *Purple Top White Globe.** A large perfect shaped sort, the skin is purple at top and white at bottom, very sweet. Oz. 7c., 15c. $\frac{1}{4}$ lb., lb. 50c., 5 lbs. \$2.25.
- *Purple Top White Globe.** (*Private stock.*) This is a careful selection of the above variety, especially adapted for market gardens. Oz. 10c., 20c. $\frac{1}{4}$ lb., lb. 70c., 5 lbs. \$3.00.
- Robertson's Golden Ball.** A globular-shaped sort, with deep yellow flesh. Oz. 5c., 15c. $\frac{1}{4}$ lb., lb. 40c.
- Snowball.** A pure white globe variety, very early. Oz. 7c., 15c. $\frac{1}{4}$ lb., lb. 45c.
- White Egg.** A small egg-shaped variety, good for early sowing. Oz. 5c., 15c. $\frac{1}{4}$ lb., lb. 45c.
- White Milan.** A handsome flat sort, grand for very early use, sweet and tender. Oz. 7c., 20c. $\frac{1}{4}$ lb., lb. 70c.
- *Yellow Globe or Amber.** Shaped like the Purple Top Globe, but the color is like that of a Yellow Ruta Baga. Oz. 5c., 15c. $\frac{1}{4}$ lb., lb. 40c.

RUTA BAGA

- *Private Stock Purple Top Yellow.** This is the perfect ideal Ruta Baga. Top is purple, the bottom yellow. It brings a high price when sold in the market on account of its shape. Oz. 10c., 20c. $\frac{1}{4}$ lb., lb. 75c., 5 lbs. \$3.25.
- Improved Purple Top Yellow.** This variety is the same color as the above, except the shape is more oblong. It is very desirable for table use and stock feeding. Oz. 5c., 15c. $\frac{1}{4}$ lb., lb. 40c., 5 lbs. \$1.75.

WORMWOOD

A medicinal herb of great value. Perfectly hardy with slight protection. 15c. oz., $\frac{1}{4}$ lb. 50c.

FARMOGERM

THE WONDERFUL FERTILIZER
FOR LEGUMINOUS CROPS

PEAS, BEANS AND OTHER LEGUMINOUS FARM CROPS WILL GROW MORE ABUNDANTLY

if the soil is properly sweetened with lime and worked to a good seed bed and the seed inoculated with Farmogerm high-bred bacteria. Without bacteria, of the proper variety, in sufficient amounts (and in an active nitrogen-gathering condition) it is impossible to successfully grow alfalfa or other legume crop.

The great Fertilizer Value of Legumes depends entirely upon Inoculation with Farmogerm. 1000 to 2000 Pounds of Nitrates to the acre can be deposited in little sacks or nodules on the roots of the legumes, which will be immediately available for any following crop. Legumes embrace all of the various types of clovers, peas, beans and such other plants that have blossoms similar in shape and form as the above named. This type of plant has the ability of taking from the air vast quantities of free nitrogen, which exists there and which is not absorbed by other plants than those which belong to the legume family. This nitrogen is taken (breathed so to say) through the stems of the plant and deposited at the roots in little sacks or nodules, where it becomes immediately available as plant food in the form of nitrates. The application of Farmogerm to the seed of these legumes when planting practically trebles the nitrogen-gathering power and for this reason we urge all planters to use it on all such occasions. Please note that Farmogerm is not applicable to any other class of plant through inoculation, except as noted below; succeeding crops, though, following on ground where Farmogerm was used, derive tremendous benefits, as many plants that are not legumes require quantities of nitrates as plant food.

FARMOGERM SAVES THE COST OF ALL EXPENSIVE NITRATE FERTILIZERS

FARMOGERM can be had for any of the following crops in either $\frac{1}{4}$ acre, 1 and 5 acre bottles. Each crop requires a different culture or bacteria and one cannot be used for the other (except where noted):

Alfalfa or Lucerne
Alsike
Burr Clover
Crimson Clover

Canada Peas
Cow Peas
Garden Beans (Pole and Bush)

Garden Peas
Peanuts
Red Clover
Sweet Peas

Soja Beans
Vetches
White Clover

No. 1 for Red, White, Crimson and Alsike Clover.

No. 2 for Alfalfa or Lucerne.
No. 3 for Vetch or Canada Field Peas.

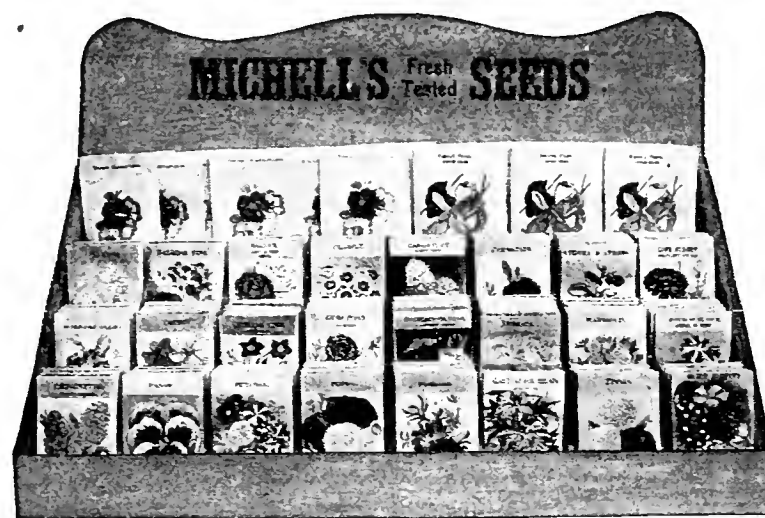
No. 4 for Soja Beans and Cow Peas in mixture.

No. 5 for Garden Peas, Garden Beans (Pole and Bush) and Sweet Peas.

GARDEN OR $\frac{1}{4}$ ACRE SIZE, 50c. 1 ACRE SIZE, \$2.00. 5 ACRE SIZE, \$9.00

Complete Book on Farmogerm and Inoculations FREE. Always state for what crop Farmogerm is desired when ordering.

Michell's Seeds and Specialties for Florists' Store Sales



Florists and other merchants with stores may reap a good profit by selling seeds in packets during planting season. No knowledge of the seed business required, because the packets being lithographed are attractively arranged in a special display cabinet, which is loaned. Our packets of seed must not be compared with those often sold at 1c. and 2c. per packet, which are unreliable. Michell's Seeds as sent out in these packets are the same quality as sold by us over our own counters. If the display cabinets are properly placed, the goods sell themselves, and frequently bring you trade for other things.

List of Vegetable Seeds—Illustrated Packets

Beets	Corn, early	Okra	Sage
Beans	Corn, late	Onion, yellow	Salsify
Beans (pole lima)	Corn Salad	Onion, white	Squash
Beans (bush lima)	Egg Plant	Parsley	Spinach
Cabbage, early	Endive	Pepper	Summer Savory
Cabbage, late	Kohl-Rabi	Peas, early	Sweet
Carrots, early	Kale	Peas, late	Marjoram
Carrots, late	Lettuce, head	Parsnip	Thyme
Cucumber	Lettuce, curled	Radish (round white)	Tomatoes, early
Celery	Leek	Radish, rd. red	Tomatoes, late
	Musk Melon	Radish, long red	Turnips
	Melon (Water)		

No Vegetable Seeds consigned except those described above.

TERMS ON SEEDS IN PACKETS LISTED ABOVE

Where customers in ordering do not specify just how many of each is desired, we select assortments containing 50, 100, 150 and 200 packets in large variety such as will sell readily in cities and suburbs. We reserve the right where seeds are shipped on consignment to modify the quantity in accordance with customers' sales record the previous year. The cabinet when filled with these gayly colored packages is an ornament to the fanciest store.

Prices (regardless of quantity) on Illustrated Packets of Flower and Vegetable Seeds consigned, returnable only when in good, clean condition July 1st, \$2.50 per 100 packets.

On outright sale, not returnable, \$2.00 per 100 packets, per 1000 packets \$18.00; 250 packets at the 1000 rate.

Special Note: All seeds, other than listed above, or in different size packages, are sold outright only, and if purchased cannot be accepted for credit if returned.

Cabinets for displaying seeds are supplied at \$1.00 each. These are returnable for credit if in good order, either on consignment or on outright purchases. *Display signs free.*

Fertilizers, Insect Destroyers

Michell's Plant Food. \$1.00 per doz. packages; per 100, \$8.00. (Retail 15c.)

Bowker's Plant Food. Small, \$1.35 per doz. pkgs.; per 100, \$10.50. Large, \$2.25 per doz. pkgs.; per 100, \$16.00.

Bone Meal. 3-lb. boxes (retails for 15c.) 12c. each, \$1.30 doz., \$10.00 100.

Bone Meal. 5-lb. boxes (retails for 25c.) 20c. each, \$2.25 doz., \$18.00 100.

Bone Meal. 10-lb. boxes (retails for 40c.) 32c. each, \$3.75 doz., \$30.00 100.

Sulpho-Tobacco Soap. 3-oz. boxes (retail for 10c.), 85c. per doz.; per 100, \$6.15. 1/2-lb boxes (retail for 20c.), \$1.70 per doz.; per 100, \$12.50.

Lemon Oil, Insecticide. 1/2-pt. cans (retail for 25c.), doz., \$2.40; \$18.00 per 100.

Aphine. 1/4-pt. cans (retails at 25c. each), 20c. each; per doz., \$2.30; \$19.00 per 100.

List of Flower Seeds—Illustrated Packets

Ageratum	Castor Oil Bean	Hyacinth Bean	Poppy
Antirrhinum	Celosia	Larkspur	Portulaca
Alyssum	Chrysanthemum	Lobelia	Scabiosa
Aster	Cobaea	Marigold	Scarlet Sage
Balloon Vine	Cornflower	Mignonette	Straw Flowers
Balsam	Cosmos	Moonflower	Stocks
Balsam Apple	Cypress Vine	Morning Glory	Sunflower
Calendula	Flower Seeds, dwarf	Nasturtium, tall	Sweet Peas
California Poppy	Forget-Me-Not	Nasturtium, dwarf	Sweet William
Calliopsis	Four O'clock	Pansy	Thunbergia
Candytuft	Gaillardia	Petunia	Verbena
Canary Bird Vine	Gourds	Phlox	Wild Cucumber
Carnation	Hollyhocks	Pinks	Zinnia

No Flower Seeds consigned except those described above.



Michell's "Renowned" Grass Seeds

Grass Seed is one of our main specialties, and our trade in this article alone is approaching the million pound mark annually. It is known from the Atlantic to the Pacific and, when offered requires no introduction.

	Consigned Price	Outright Sale Price
	Doz. 100	Doz. 100 1000
Fairmount Park. Pint boxes..	\$0.65 \$5.00	\$0.60 \$4.50 \$44.00
Fairmount Park. Quart boxes..	1.25 10.00	1.20 9.00 87.50

	Doz. 100	
Michell's "Evergreen." Pints.....	\$1.20 \$9.50	These Grass Mixtures are not consigned
Michell's "Evergreen." Quarts.....	2.00 15.00	
Michell's "Evergreen." 2 quarts....	3.50 27.50	
Michell's "Evergreen." 4 quarts....	5.50 40.00	
Michell's "Shaded Lawn." Pints...	1.20 9.50	
Michell's "Shaded Lawn." Quarts.	2.00 16.00	
Michell's "Shaded Lawn." 2 quarts	3.60 28.00	
Michell's "Shaded Lawn." 4 quarts	6.00 45.00	

White Clover. Consigned, 30c. per dozen packets, \$2.50 per 100 packets; on Outright Sale, \$2.00 per 100 packets for any quantity. 1/4-lb. pkgs., \$1.50 per doz., \$12.00 per 100.

Under no circumstances do we consign Insecticides, Fertilizers, Michell's "Evergreen" Grass Seed, "Shaded Lawn" Grass Seed or White Clover (except as noted). They are sold on Outright Basis only.

**MICHELL'S****GRASS****SEEDS****518**
MARKET ST.**PHILA.**

MICHELL'S LAWN GRASS MIXTURES

MICHELL'S EVERGREEN GRASS SEED
(OUR LEADER)
20 lbs. per bushel
85c. per peck;
bushel \$3.25

MICHELL'S GREEN VELVET GRASS SEED
(The New Lawn Grass)
20 lbs. per bushel
\$1.00 per peck;
bushel \$4.00

MICHELL'S SHADED LAWN GRASS SEED
(20 lbs. per bushel)
\$1.00 per peck; bushel \$4.00

CLIMAX LAWN SAND KILLS WEEDS BUT NOT THE GRASS.

We have absolute confidence in recommending this article for what it is suggested, viz.: to kill weeds in the lawn. Pamphlet giving detailed information with thorough instructions for use, mailed upon application. A ready seller. Florists with stores will find this profitable to handle.

2½ lbs., 30c.; 60c. per 7 lbs.; 14 lbs., \$1.00; \$1.60 per 28 lbs.; 56 lbs., \$2.80; \$4.80 per 112 lbs.; 560 lbs., \$20.00.

MICHELL'S RECLEANED GRASS AND CLOVER SEEDS

Grasses and Clovers represent a very large volume of our business. Last year it aggregated nearly 500,000 lbs. We buy direct from the cleaners and growers and are invariably able to save our customers considerable money in this line. Our stock of native and foreign grown grasses are subjected to the most critical purity and germination tests by the U. S. Dept. of Agriculture prior to being offered for sale by us.

GRASS SEED MIXTURES

Michell's "Top Notch" Lawn Seed. (25 lbs. per bu.) This is the very best grass mixture that can be put together. Per peck, \$1.75; \$6.25 per bushel.	1 Qt.	4 Qt.	Peck	Bu.	5 Bu.
Michell's Green Velvet Lawn Seed (20 lbs. per bu.)	\$0.20	\$0.60	\$1.00	\$4.00	\$19.00
Michell's Evergreen Lawn Seed (20 lbs. per bu.)	.20	.50	.85	3.25	15.75
Michell's Shaded Lawn Seed (20 lbs. per bu.)	.20	.60	1.00	4.00	19.00
Fairmount Park Lawn Seed (15 lbs. per bu.)	.10	.35	.60	2.00	9.75
Evergreen Grass, with no clover (20 lbs. per bu.)	.20	.50	.85	3.25	15.75
Special Sod Grass Mixture (15 lbs. per bu.)	.20	.60	.85	3.00	14.00
Seashore Lawn Seed (20 lbs. per bu.)	.20	.50	1.00	4.00	19.00
Lawn Tennis Grass Seed (20 lbs. per bu.)	.20	.50	.85	3.25	15.75
Golf Course Grass Seed (15 lbs. per bu.)	.10	.35	.70	2.75	13.00
Terrace or Embankment Lawn Seed (20 lbs. per bu.)	.20	.60	1.00	4.00	19.00
Southern States Lawn Seed (15 lbs. per bu.)	.10	.35	.70	2.75	13.00
Putting Greens Grass Seed Michell's Formula (20-lb. bu.)	.20	.60	1.25	5.00	22.50
Permanent Pasture Grass Seed (15 lbs. per bu.)	.15	.40	.60	2.25	11.00
Hay Field Mixture (15 lbs. per bu.)	.15	.40	.60	2.25	11.00

These mixtures are fully described in our General Retail Seed Catalogue.

GRASS SEED IN PACKAGES FOR COUNTER TRADE

The following prices are on outright sale basis, for price on consigned basis for Fairmount Park Mixture see page 19.

	Per doz.	Per 100	Per 1000
Fairmount Park. Pint boxes	\$0.60	\$4.50	\$44.00
Fairmount Park. Quart boxes	1.20	9.00	87.50
Evergreen. Pint boxes	1.20	9.50	90.00
Evergreen. Quart boxes	2.00	15.00	140.00
Shaded Lawn. Pint boxes	1.20	9.50	90.00
Shaded Lawn. Quart boxes	2.00	16.00	150.00

RECLEANED WHITE DUTCH OR LAWN CLOVER

For sowing in lawns to encourage grass growing this is highly valuable. Sow 10 to 12 lbs. per acre. We handle the choicest grade only. 40c. per lb.; 5 lbs., \$1.80; \$3.50 per 10 lbs.; per 100 lbs., \$30.00.

CARTER'S WORM-ERADICATING FERTILIZER

This is used extensively by the leading golf clubs on putting greens. It positively destroys worms of all kinds that are a detriment to good greens.

Put up in 100 lb. bags only. Price: \$4.00; 1000 lbs., \$36.00; \$69.00 per ton of 2000 lbs. Special price f. o. b. Boston.

GRASSES IN SEPARATE VARIETIES

Prices Subject to Market Changes

We handle the best recleaned grass seeds in separate varieties. Some persons like to do their own mixing or prefer to sow only one kind of grass; we make no charge for mixing.

	Lbs. per bu.	Lb.	Bushel	100 lbs.
14 Awnless Brome Grass. 40 lbs. per acre.	\$0.18	\$2.25	\$14.00	
Bermuda Grass	.90			
14 Blue Grass (Kentucky). Extra Fancy. 3 to 5 bu. per acre (55c. per peck)	.20	2.25	14.00	
14 Blue Grass (Canadian). 3-5 bu. per acre	.12	1.60	10.00	
20 Creeping Bent. 4 bu. per acre	.40	6.50	30.00	
21 Crested Dogtail. 3½ to 4 bu. per acre	.35	5.75	24.00	
24 English Rye (Pacey's Fancy Perennial Rye), fine for lawns. 3 bu. per acre	.12	2.25	8.00	
14 Fine Leaved or Slender Fescue	.40	5.00	32.00	
32 Herd or Red Top. Fancy recleaned	.30	9.00	27.50	
10 Herd or Red Top. Unhulled. 4 to 5 bu. per acre	.18	1.50	12.50	
12 Hard Fescue. 30 lbs. per acre	.25	2.60	20.00	
18 Italian Rye. 50 lbs. per acre	.12	1.75	8.00	
22 Meadow Fescue. English Blue Grass	.15	2.50	11.00	
12 Orchard. 40 lbs. per acre	.20	2.10	14.50	
14 Red or Creeping Fescue	.25	3.25	20.00	
14 Rhode Island Bent. 40 lbs. per acre	.40	4.55	30.00	
12 Sheep's Fescue. 40 lbs. per acre	.25	2.75	21.00	
Sweet Vernal (Perennial). (5 lbs. \$2.25) 3 lbs. per acre with other grass	.50		40.00	
Sweet Vernal (Annual). (5 lbs., 80c.) 3 lbs. per acre with other grass	.20		14.00	
10 Tall Meadow Oat (French Rye Grass)	.22	2.00	17.50	
45 Timothy Seed. ½ bu. per acre alone	.15			
15 Various Leaved Fescue	.30	4.00	25.00	
14 Wood Meadow. 30 lbs. per acre	.40	4.75	32.00	

RECLEANED CLOVERS (Prices Subject to Change)

Alfalfa or Lucerne. The most valuable forage crop on the American farm to-day. It is sown during May, August and September, although it can be sown at other times with a possible chance of doing well. Our Special Circular on Alfalfa is free for the asking. Sow not less than ½ bushel (30 lbs.) per acre, preferably with no other crop. Price per lb., 25c. Write for price on larger quantities, as it changes constantly.

Alsike or Swedish Clover (*Trifolium Hybridum*). It grows from 1 to 2 feet high, is sown early in the spring or late summer and early autumn. It is as nutritious as red clover. Sow 10 to 15 lbs. per acre alone or 8 lbs. per acre with timothy. Price, 25c. lb. Price on larger quantity on application.

Bokhara Clover (*Melilotus Alba*). Extensively used as a bee food and for soiling (green manure). It grows from 3 to 5 feet high, according to soil and location. Sow 15 lbs. per acre in early spring alone, or 10 lbs. per acre with other crops. Price, 30c. per lb., 10 lbs. \$2.50.

Crimson Clover (*Trifolium Incarnatum*). Delaware Grown Seed. This is used principally for soiling or green manuring, for which purposes it is highly valuable. Sow any time from April to October, the earlier the better, 20 lbs. to the acre. Price, 15c. per lb. Larger quantity prices on application.

Red Clover, Medium (*Trifolium pratense*). Height from 18 inches to 2½ feet. Sow early in the spring or in late summer—July and August; if alone 20 lbs. per acre; if with other crops 10 lbs. per acre. Price, 25c. lb.; larger quantity, price on application.

Mammoth Red Clover (*Trifolium Pratense Perenne*). This differs from the "Medium," being of a ranker growth. It ripens somewhat later and is more hardy, lasting several seasons longer than the medium red clover. Sow in early spring or in July and August, using 20 lbs. per acre. Price, 25c. per lb.; larger quantity, prices on application.

White Dutch or Lawn Clover (*Trifolium Repens*). For mixing with lawn grass it helps establish a quick, permanent turf. Apply 10 to 12 lbs. per acre if sown alone or 5 lbs. if sown on old turf. Prices: ¼ lb. 13c., 40c. lb., 5 lbs., \$1.80, \$3.50 for 10 lbs., bu. (60 lbs.) \$18.00, \$30.00 per 100 lbs.

MICHELL'S HIGH GRADE FARM SEEDS

Prices subject to Market Changes

ALFALFA. Choice re-cleaned seed, sow not less than $\frac{1}{2}$ bu. per acre in May, August or September. 25c. lb. Write for price on larger quantities, as it changes constantly.

BUCKWHEAT, Japanese. Sow from June 1st to July 15th, one bushel per acre, splendid for poultry food. Qt. 15c., 50c. per peck, bushel (48 lbs.) \$1.50.

BUCKWHEAT, Silver Hull. Fine for poor ground. Qt. 15c., 50c. per peck, bushel (48 lbs.) \$1.50.

BARLEY, Beardless Spring. For either hay or grain. Sow broadcast, either $1\frac{1}{2}$ to 2 bushels per acre, from May 15th to July. Peck 50c., \$1.50 bu.

Primus (Swedish). \$1.00 peck, bush. \$3.25.

BEANS, SOJA OR SOY. Drill $\frac{3}{4}$ bushel per acre during May.

Hollybrook (Early). **Ito Sans (Early).** **Wilson (Early).**

Mammoth Yellow (Late). Soja Bean prices on application.

BROOM CORN, Evergreen. The tops are made into brooms. Sow in May ten pounds per acre in drills. 60c. peck, bu. \$2.25.

CLOVERS. See page 21.

COTTON SEED. Attractive and ornamental as a garden plant; grown in the South for a crop. Lb. 20c., 75c for 5 lbs.

FLAX. A very useful farm plant, which can be employed profitably in many directions. Sow a bushel to the acre from May 15th to June 15th. If desired for the fibre, sow $1\frac{1}{2}$ to 2 bushels per acre. Lb. 10c., \$1.15 per peck, bu. \$4.00.

CANADA FIELD PEAS.

Used principally for green food, or hay for stock and for plowing under to add nitrogen to the soil. Alone, sow 3 bushels per acre; with oats, use $1\frac{1}{2}$ bushel of peas and $1\frac{1}{2}$ bushel oats, broadcast. Peck 65c., \$2.50 bush.

COW PEAS. A very inexpensive but effective soil regenerator, and indispensable to the farmer. Sow from May 1st to July 1st, 2 bushels per acre, broadcast, or 1 bushel per acre in drills. It

can also be used as green food for grazing in the field, or cut and stored as hay. Florists will find this of value to plow under, as it is better than fertilizer for such plants as carnations, etc., to be set out in the field.

Black Eye. The right sort for fodder.

Whippoorwill. Fine for plowing under.

Wonderful, or Unknown. Good for fodder.

New Era. For soil regenerating.

Prices vary. Quotations will be made on application.

SEED OATS

Swedish, or Washington. Sow from April till June, 3 bushels to the acre; good for straw or grain. Peck 40c., \$1.50 bu.

Canadian Cluster. An enormous yielder. Peck 45c., \$1.50 bu.

Storm King. One of the best, 5 ft. high. 60c. peck, bush. \$2.00.

Ligowo II. Swedish, pedigreed. Peck 65c., \$2.50 bushel.

Welcome. A very popular sort. 35c. peck, bushel \$1.20.

Virginia Gray Winter, or Turf. Principally grown in the South. 40c. peck, bushel \$1.20.

KAFFIR CORN. Sow in June and July, 10 lbs. per acre in drills; grain used for feeding poultry, fodder for stock. 40c. peck., bushel \$1.50.

MILLET

A handy emergency crop for all farmers. Can be sown as late as July 15th. Used as green manure or green food for stock.

Pearl (Pennisetum spicatum). Sow 10 lbs. per acre. 12c. lb., 10 lbs. \$1.10.

Tennessee, German or Golden. A heavy cropper, must be sown early. Sow 1 bushel, broadcast, to the acre.

Hungarian. Of dwarf but very quick growth. Sow 1 bushel per acre. Price for millets on application.

Japanese Barnyard. Enormously productive. Sow 12 lbs. per acre, broadcast. 10c. lb., 10 lbs. 80c., \$7.00 per 100 lbs.

SPRING RYE. Good for both straw and grain; sow $1\frac{1}{2}$ bushels broadcast per acre. 50c. peck, bushel \$1.75.

WINTER RYE, Thousandfold. A splendid winter crop; sow $1\frac{1}{2}$ bushel per acre as late as November. 40c. peck, bu. \$1.35.

DWARF ESSEX RAPE.

A green food for sheep and hogs. Sow 6 lbs. per acre broadcast or in drills, from April till October. 10c. per lb., 10 lbs. 90c., \$7.00 per 100 lbs.

SUGAR CANE or SORGHUM, Early Amber.

Ideal cattle food either in green or cured state. Seed is used for poultry feed. Sow 25 lbs. per acre in drills. Peck 60c., \$2.25 bushel.

SUNFLOWER, Mammoth

Russian. Splendid food for poultry; sow 10 qts. per acre in drills. 55c. pk., bu. \$1.75.

SPELTZ or EMMER.

Used for feeding hogs and poultry; sow 2 bushels per acre, broadcast, after April 1st. 50c. peck, bushel \$1.75.

TIMOTHY. See page 21.

TEOSINTE (Reana Luxurians).

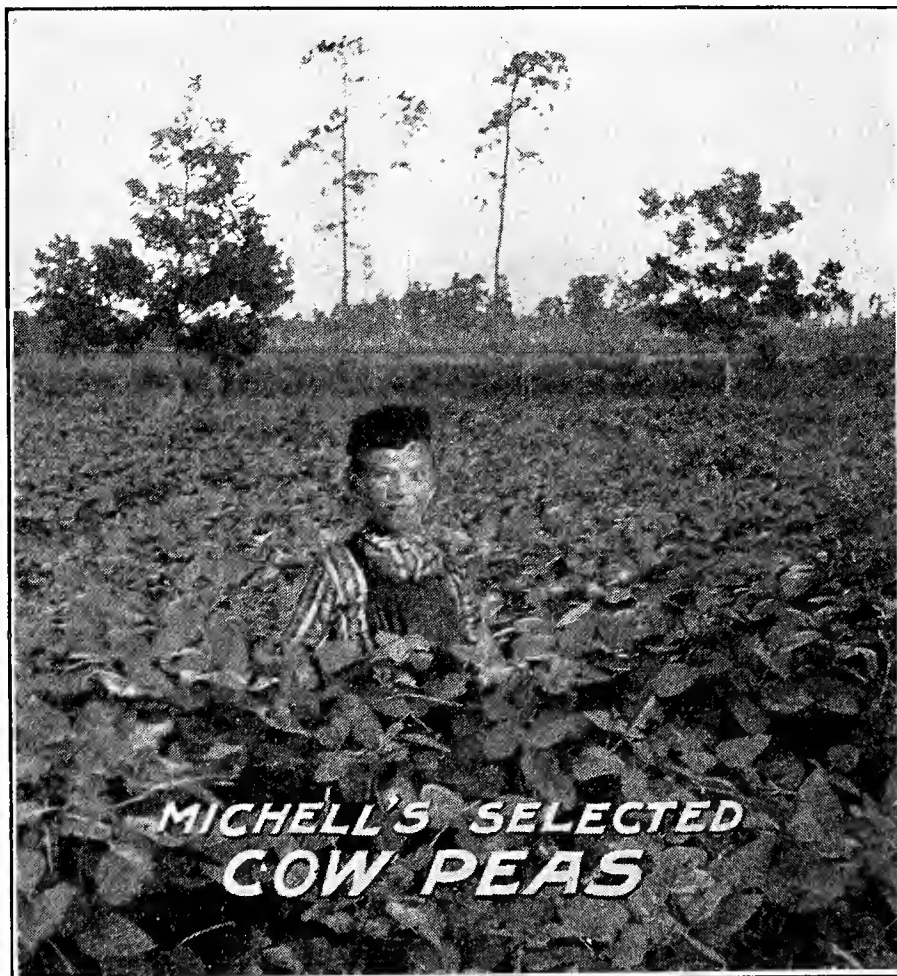
A forage used extensively on very poor ground. Sow in May and June, 5 to 6 lbs. per acre in drills. 75c. lb., 5 lbs. \$3.50.

VETCHES, Sand, Hairy or Winter (Vicia Villosa). A fine cover crop for winter and plowing under for green manure; sow 1 bushel per acre with winter rye in August or September. 15c. lb., bushel (60 lbs.). Price on application.

VETCHES, Spring (Vicia Sativa). Sow 1 bushel per acre, broadcast, in May or June. 10c. lb., 10 lbs. 75c., \$3.25 per bushel (60 lbs.), 100 lbs. \$5.00.

SPRING WHEAT, Saskatchewan Fife. Used principally where winter wheat has failed or for green food. Sow $1\frac{1}{2}$ to 2 bushels per acre, broadcast, in April or May. 60c. peck, \$2.25 bushel.

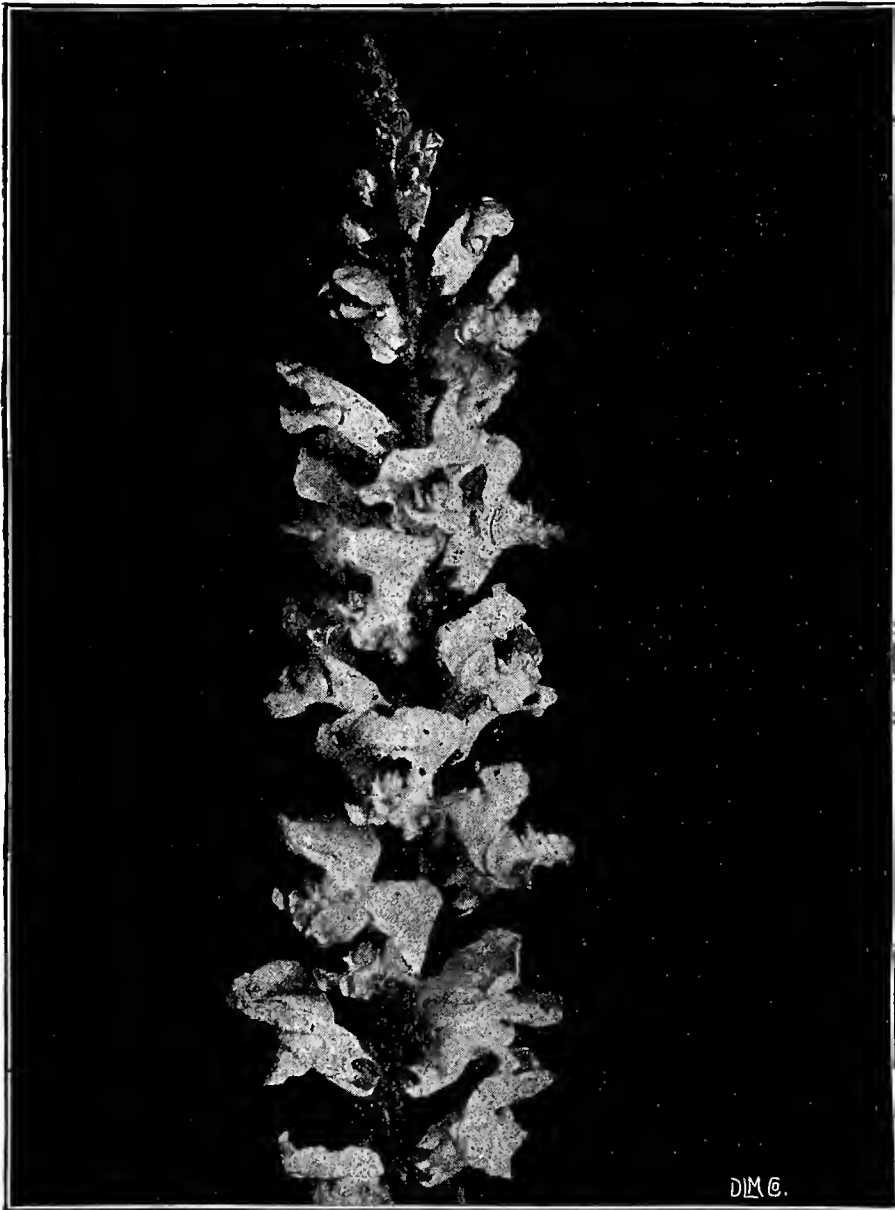
In ordering Farm Seeds always allow 22c. for every two-bushel Seamless Bag used. These are returnable for credit or refund at the price charged.



MICHELL'S SELECTED
COW PEAS

NOVELTIES and SPECIALTIES in FLOWER SEEDS FOR 1914

For General List of Flower Seeds, see pages 29 to 55



Michell's Giant Snapdragon

NEW GIANT SNAPDRAGON

(Antirrhinum)

Michell's Salmon Pink

A valuable addition to this popular florist's flower; the plants grow to a height of 2 to 3 feet and produce **extra long spikes of flowers**; color, a **delicate salmon pink**. Trade pkt. 30c., \$2.25 per oz.

Giant Double White Antirrhinum

(Snapdragon)

Flowers **large and pure white**; out of the mouth-like aperture between the upper and lower lips emerge abnormal petals, which give a double beard-like aspect to the blooms. Trade pkt. 30c., \$2.50 per oz.

Asparagus Hatcheri

A New Type of Asparagus Plumosus

Of dense and symmetrical growth; dainty fern-like fronds set close together along the stalks, making a full and heavy string; its large fronds and lasting qualities make it valuable for decorative use. As specimen pot plants or for quickly producing beautiful sprays its value is not easily over-estimated. Per 100 seeds \$1.00, \$2.00 per 250 seeds, 500 seeds \$3.25, \$6.00 per 1000 seeds.

We are headquarters for Asparagus Plumosus Nanus. See page 31.



Antirrhinum-Venus

NEW GIANT ANTIRRHINUM

(Snapdragon)

Venus

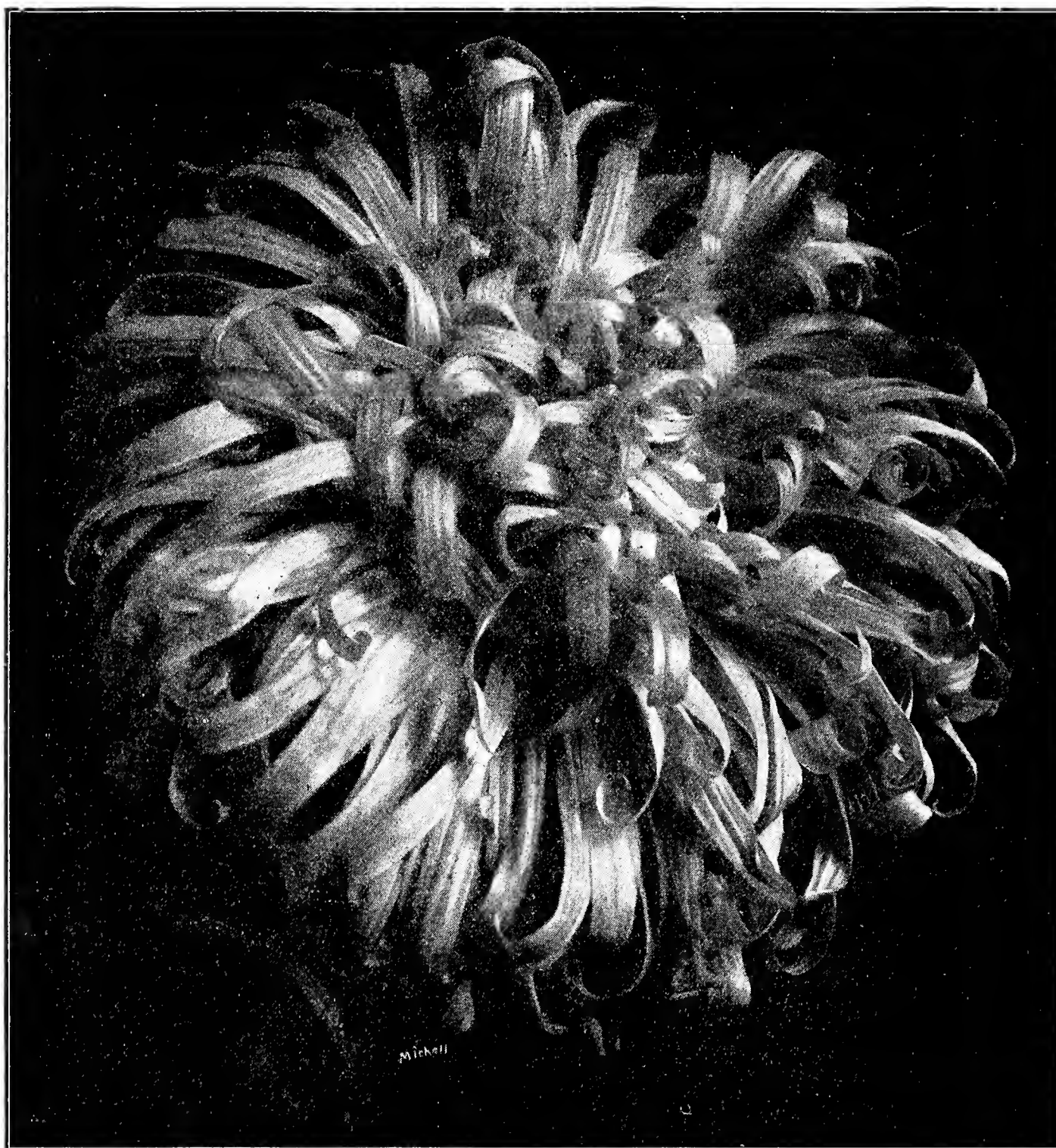
A new color in the Giant Flowering Snapdragons; a **lovely shell pink on white ground**, set off by a **pure white throat**. The long stalks are thickly studded with large flowers of the finest form. This splendid new sort will undoubtedly become one of the most valued. Trade pkt. 30c., \$1.75 per oz.

See page 30 for other varieties of Antirrhinums.



Asparagus Hatcheri

A PAGE OF VALUABLE ASTERS



New Asternum

New Asternum

A Glorified Aster—A Splendid New Type

A new Aster originating in the State of Illinois; a mid-season variety. The plant grows straight up with strong sturdy stems, starting near the base and reaching from 18 to 24 inches, and owing to the symmetry of the plant they may be set more closely than other varieties. Each plant yields from **ten to fifteen blooms**, large and double, which last a long while after being cut. We offered this variety last season for the first time and have received numerous reports from our customers of the entire satisfaction which it gave.

	Trade pkt.	Oz.
White	\$.50	\$3.00
Pink .....	.50	3.00
Lavender .....	.50	3.00
Mixed .....	.50	3.00

Aster—Vick's Enchantress Pink

A new variety of vigorous, upright, branching habit, with a great profusion of long, strong stems; the beautiful, large double flowers have the **delicate pink shade of the Pink Enchantress Carnation**. The broad, flat petals give a pleasing soft effect. Per pkt. 20c., 35c. per 2 pkts., 6 pkts. \$1.00.

Aster—Vick's White King

This new variety will attract the attention of every one who is acquainted with the Violet King. The **flowers are large, full centered, and pure white**; of the same type as Violet King; plants of branching habit; stems long, 16 to 20 inches; a profuse bloomer. Per pkt. 20c., 35c. per 2 pkts., 6 pkts. \$1.00.

Aster—New Crego

One of the finest varieties of Asters, and has rapidly come into popular favor. The flowers are gigantic in size, often 5 inches across, with long, stout stems averaging 15 inches in length. The twisted and curled petals give the flower the appearance of a huge, flat Chrysanthemum. Trade

	Trade pkt.	Oz.
White	\$.40	\$1.75
Shell Pink .....	.40	1.75
Rose Pink .....	.40	1.75
Purple .....	.40	1.75
Mixed .....	.40	1.75

Aster—Peerless Pink

A valuable variety of the late-branching type, although coming into bloom a little earlier; bears a **profusion of large, double flowers**, of a **rich, shell pink** color, very similar in shade to the **Mary Sample** variety. Trade pkt. 50c., \$2.50 per oz.

Aster—Lady Roosevelt

One of the finest recent introductions; flowers of **marvelous beauty** resemble incurved Chrysanthemums; color, a **gorgeous pink**; stems 30 to 36 inches long; season late. Per trade pkt. 50c., \$4.00 per oz.

Aster—Pink Beauty

An excellent variety of the Chrysanthemum-flowered type; of strong, upright growth, and producing an abundance of **immense, double flowers**; inner petals incurved, outer reflexed; color, a **soft, delicate blush pink**. Trade pkt. 40c., \$2.50 per oz.

GALLITZIN, PA., June 13, 1913.

Henry F. Michell Co.:

DEAR SIR:—Dr. S—, of Chester Springs, our county, grew the finest Asters we saw last season, and says he got the seed from you; please send us at once by mail a nice assortment of the finest kinds. Yours truly,

W. H. W.



Celosia—Pride of Castle Gould

OSTRICH PLUMED CELOSIA Pride of Castle Gould

A distinct type of *Celosia Plumosa* and of great value, both as a pot plant and for bedding. Plants are of pyramidal growth, about 2 to 3 feet high; **immense flower heads**, closely resembling ostrich plumes; colors are blood red, carmine, yellow, orange, golden, orange scarlet, etc., in mixture. Per trade pkt., 30c.

THE CARDINAL CLIMBER (*Ipomoea Quamoclit Hybrida*)

A distinct and valuable novelty; the result of a cross between *Ipomoea Quamoclit* or Cypress Vine and *Ipomoea Coccinea*. A very rapid grower and free bloomer; leaves dark green and deeply lacinated; bears a **great profusion of fiery, cardinal red flowers** which are about 1½ inches in diameter. Per pkt., 15c.; 40c. per 2 pkts.

NEW GIANT FLOWERED CENTAUREAS

New varieties highly recommended for florists' use; excellent for cutting. The flowers are produced on long, stout stems, and last for a long time after being cut.

The Bride. Pure white.....	Trade Pkt. \$0.30
The Bridegroom. Purplish mauve.....	.30
Honeymoon. Golden yellow.....	.30

NEW GIANT COSMOS—WHITE LADY

A selection from the Lady Lenox variety; flowers of immense size; **pure white**; petals broad and overlap each other. Per trade pkt. 30c., \$1.00 per oz.

CYCLAMEN—"MRS. BUCKSTON"

A new variety with beautifully frilled and waved flowers, which are of large size, often measuring 2½ to 3 inches across, and are produced in great abundance; color, **delicate salmon**. Per original pkt., 75c.

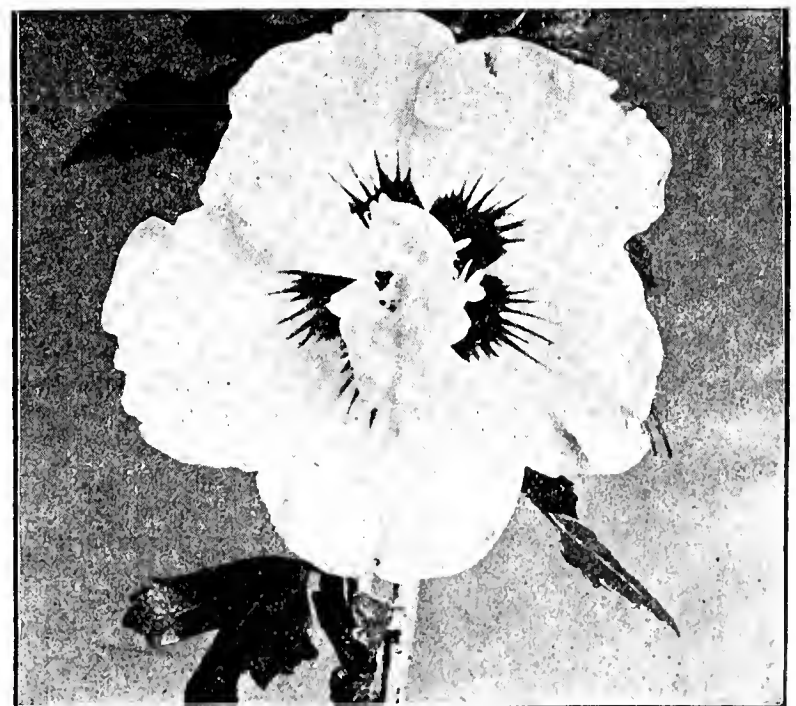


Dimorphotheca Aurantiaca Hybrida Fl. pleno

NEW DOUBLE AFRICAN DAISY

(*Dimorphotheca Aurantiaca Hybrida Fl. pleno*)

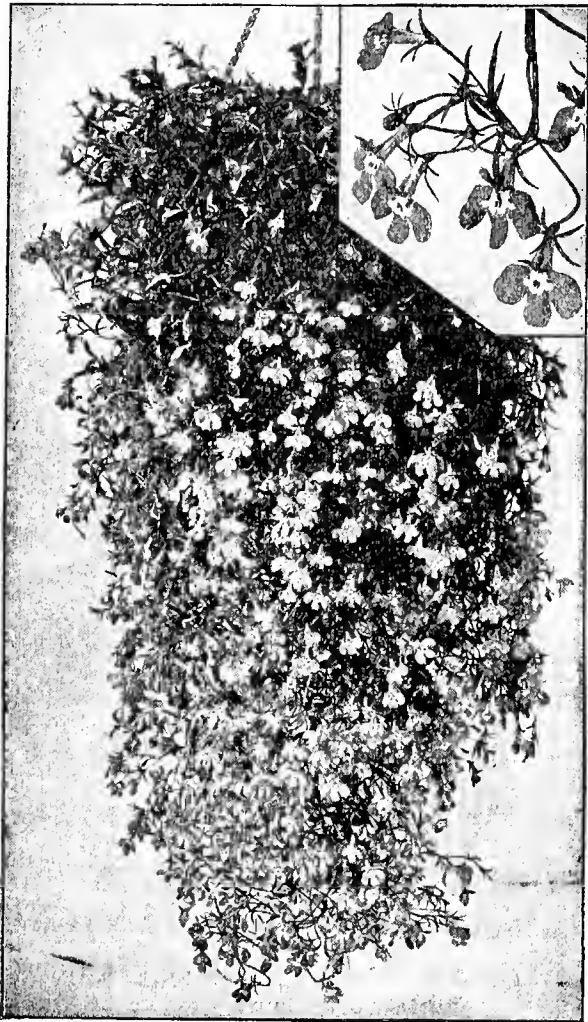
A new addition to this popular flower recently introduced; produces an abundance of **double** and **semi-double** flowers in many **rich** and **varied** shades, ranging from **white** to **light** and **dark yellow**, and from **salmon rose** to **orange**. Per pkt., 20c.; 55c. per 3 pkts.



New Giant Hibiscus

NEW GIANT HIBISCUS Mallow Marvels

One of the most attractive perennials, flowering the second season from seed; grows to the height of 5 feet, bearing **gigantic single flowers**, **7 inches in diameter** in many shades of **red**, **pink**, **purple** and **white**. The flowers resemble an open bell, face forward, and show their attractive yellow piston in the centre; blooms from July until frost. Per trade pkt., 30c.; 75c. per oz.

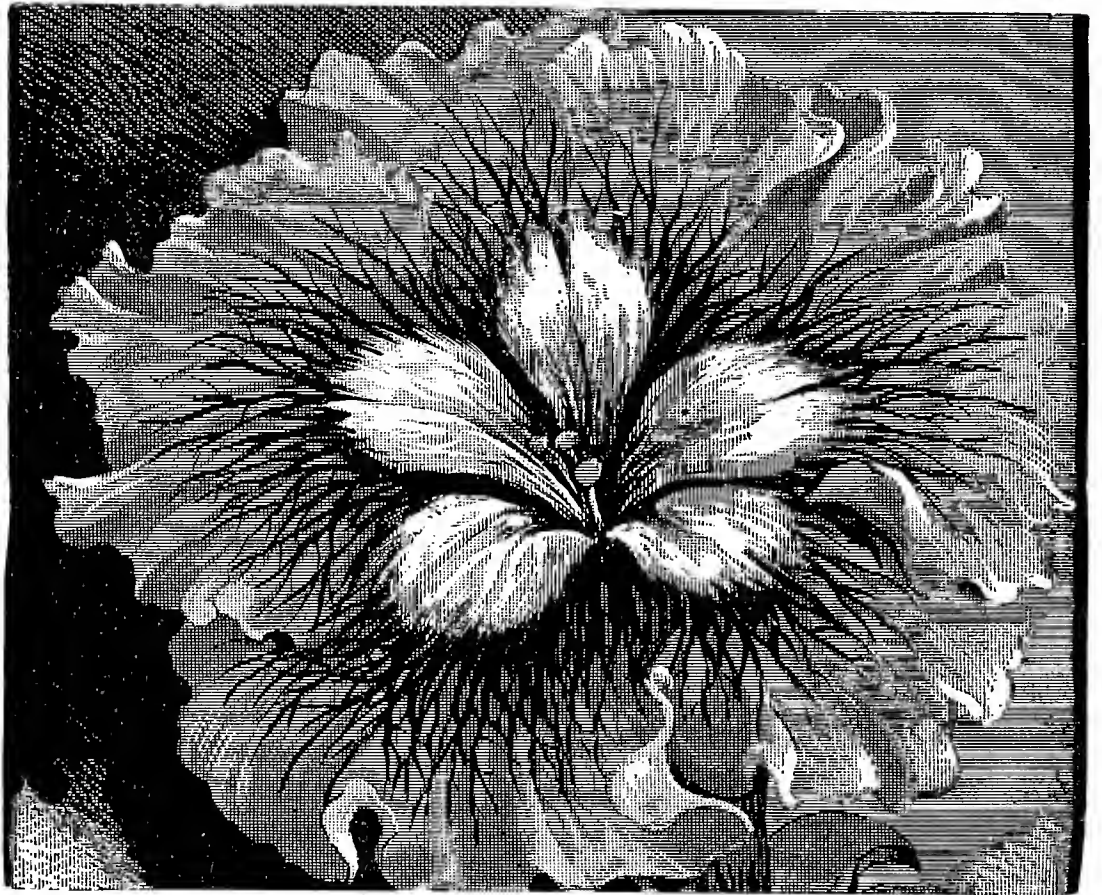


Lobelia Hybrida—Sapphire
LOBELIA HYBRIDA
"Sapphire"

This new trailing variety is of remarkably **strong growth**; the flowers are unusually large for a Lobelia, measuring **three-quarter inch across**, and are thickly set on the long, graceful sprays of foliage; color of flowers **intense deep blue** with large and clearly defined white eye. A well-grown plant covered with these lovely blue oculate flowers makes a splendid sight.
Per pkt. 15c.; 40c. per 3 pkts.



Petunia Hybrida—Undine



Petunia—Michell's Monstrosus
NEW LARGE FLOWERING PETUNIA
Michell's Monstrosus

A great acquisition to the list of Large Flowering Petunias, **surpassing the well-known Giants of California**. The flowers are **extremely large**, quite a number of which are elegantly fringed; the colorings, markings, veinings, blotches, etc., are superb; many of them having deep throats of various shades.

Per ½ trade pkt. 60c.; \$1.00 per trade pkt.

**GIANT EVENING
PRIMROSE**

Oenothera "America"

Flowers extra large; **snow white** when opening in the evening, changing in the morning to a **delicate pink**.
Per trade pkt., 40c.

PENTSTEMON
Large Flowering White
(*Pentstemon Hartwegi Albus*)

The plants of this fine new variety attain a height of about **2½ feet**; they branch freely from the base, develop a brilliant green foliage and throw up numerous flower spikes, all thickly studded with **large open-throated gloxinia-like blooms** one to one and one-half inches across; the buds at first are of a **creamy color**, but **change to a clear white when opening**. It blooms early and continues for a long time.

Per pkt. 20c.; 55c. per 3 pkts.

NEW BLUE PETUNIA
"Undine"

A new **light blue Petunia** of incomparable **beauty** and luxuriance, and therefore very valuable as a pot plant, as well as for garden beds; also excellent for window boxes, etc. The surpassing charm of this variety lies in the particular **azure color** which merges into the lilac margin.

Per pkt. 20c.; 55c. per 3 pkts.



Pentstemon Hartwegi Albus



Petunia—Dwarf Large Flowering Fringed
DWARF LARGE FLOWERING FRINGED PETUNIA

The demand for really good dwarf, compact-growing Petunias has been met after years of careful selection in this excellent dwarf strain, with **large fringed flowers**. The plants grow **8 inches high**, and while branching freely from the base, they remain quite compact. The individual plants make handsome small bushes, on which the numerous flowers, borne well above the foliage, appear in **all the colors common to Petunias**. Per pkt., 25c.; 65c. per 3 pkts.

SCHIZANTHUS, GRANDIFLORUS MAXIMUS

Plants grow about 20 inches high, and produce an abundance of flowers of good substance, measuring from one to one and a half inches across, and show an **endless** variety of colors. The foliage is bright green, fern-like and very handsome. Per pkt., 15c.; 40c. per 3 pkts.



Schizanthus—Bridal Veil
SCHIZANTHUS—BRIDAL VEIL
 (Wisetonensis Albus)

A new variety selected from the hybrids of Schizanthus Wisetonensis. Plants grow about 16 inches high, are compactly formed and **literally covered with glistening snowy white blossoms**, which present a striking contrast with the bright green of the **finely lacinated foliage**. Excellent as a pot plant. Per pkt., 25c.; 65c. per 3 pkts.

PRIMULA OBCONICA GRANDIFLORA
"Crispa"

An entirely new form of this splendid plant, the edges of each flower being fringed and creased; fully developed flower clusters have, therefore, a double appearance, and an elegance which cannot readily be duplicated; the **flowers are of extra large size**; color, from **delicate apple blossom pink to deep pink**. Per pkt., 20c.; 55c. per 3 pkts.



Primula—Malacoides Alba

PRIMULA "MALACOIDES"

This new and pretty variety introduced from China two years ago has proved to be one of the freest-flowering species for pots and is, in consequence, already widely cultivated. The seedlings **bloom in four to five months after sowing**; resembles Primula Forbesi but its growth is much more sturdy, and the flowers which are borne in whorls on long stems are much larger; color, a **pretty light lilac**. Per trade pkt., 50c.

PRIMULA—MALACOIDES ALBA

This new variety produces **pure white flowers**; it is equally as handsome as the lilac type form described above, and will, no doubt, soon achieve a similar share of popular favor. Per pkt., 20c.; 55c. per 3 pkts.

NEW SALVIA (Scarlet Sage)
Michell's "Scarlet Glow"

A new variety of great merit; an improvement on the well-known and popular Zurich; larger flowers and more free blooming than any other variety; plants of dwarf habit, branch freely, and are covered with **flowers of the most brilliant fiery scarlet**; blooms very early and continues until frost. Per trade pkt., 50c.; \$1.00 per 1/4 oz.; per oz., \$3.50.

New Spencer or Orchid Flowered Sweet Peas

King White A "perfect" white Spencer Sweet Pea, and superior in form, size, and substance to all others of this color; flowers are of good substance, standards of immense size, bold expanded form and exquisitely waved. An extremely vigorous grower; very floriferous, and gives a large proportion of **four-flowered sprays**. It received an Award of Merit from the National Sweet Pea Society of England, July, 1912; also Certificate of Merit at the Sweet Pea Show in Philadelphia, June 26, 1913.

Original pkts. (15 seeds).....\$0.12
Original pkts. (30 seeds)..... .20

Illuminator The most charming color or, rather, combination of colors, yet seen in Sweet Peas, and very difficult to describe. The blooms, which are carried on long, stout stems, have a **ground color of a warm salmon orange overlaid with rich bright cerise pink**. The flowers are of great substance; standard bold, expanded and **attractively waved**.

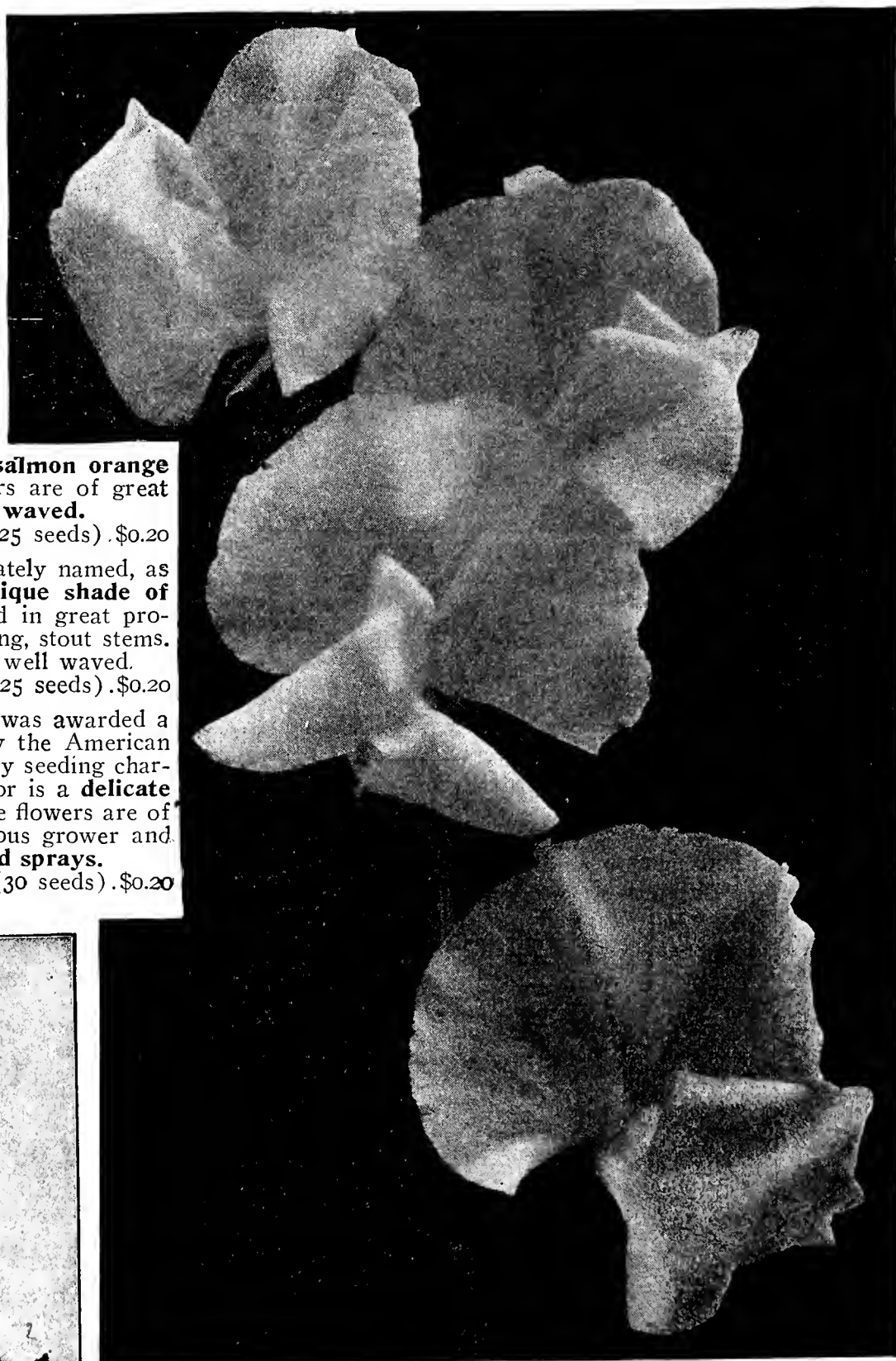
Original pkts. (12 seeds)\$.012 Original pkts. (25 seeds)\$.020

Wedgwood This new variety is appropriately named, as its color throughout is a **unique shade of Wedgwood blue**. The flowers, which are produced in great profusion, are borne mostly in "fours," well placed on long, stout stems. Of finest Spencer form; the standard and wings are well waved.

Original pkts. (12 seeds)\$.012 Original pkts. (25 seeds)\$.020

Empress Eugenie This beautiful novelty was awarded a Certificate of Merit by the American Sweet Pea Society, June 29, 1911, but owing to its shy seeding character was not introduced until this season. The color is a **delicate tone of light gray, flaked with light lavender**. The flowers are of large size, beautifully waved and crimped. A vigorous grower and free bloomer with a large proportion of **four-flowered sprays**.

Original pkts. (15 seeds)\$.012 Original pkts. (30 seeds)\$.020



An Average Spray of KING WHITE—Reproduced from a Photograph



Verbena Hybrid Compacta, Dornroschen

Verbena Hybrid Compacta "Dornroschen"

A new variety of dwarf compact growth, especially valuable for planting for low groups or for borders. Bears a great profusion of **large flowers; color, white with a soft carmine rose edge**, giving to the plant a particularly nice aspect. Per pkt. 20c.; 55c. per 3 pkts.

Verbena—"Helen Willmott"

After many years of constant selection, seed of this Verbena has at last been saved in sufficient quantity to be offered for sale. A large percentage of the flowers are of the true "Helen Willmott" color, a **pretty bright salmon rose, with white eye**. Per pkt. 20c.; 55c. per 3 pkts.

MICHELL'S "DISTINCTIVE"

FRESH TESTED

FLOWER SEEDS

"Distinctive" Strains of Flower Seeds for the florist is one of the most important branches of our business; we constantly aim to secure for the florist only the most improved strains such as must give perfect satisfaction. Our wonderfully increased trade is our best proof for this claim.

For full description see our Retail Catalogue, a copy of which will be mailed free upon application.

Note.—Half trade packets are only supplied where listed; where smaller quantities are wanted than that listed, retail packets may be ordered at a discount of 33 1/3 per cent. from our retail catalogue prices.

For the convenience of our customers and to facilitate the filling of orders, we have affixed numbers to all varieties of Flower Seeds, and in ordering it is only necessary to give quantity wanted and the number.

Abutilon (Flowering Maple)

Used extensively for ornamental bedding. Trade Pkt. Oz.
15 **Choicest Mixed** \$0.30 \$2.00

Achillea

Perennial, flowering continuously all summer.
20 **Ptarmica, fl. pl. "The Pearl."** Double White .. .25 3.00

Aconitum (Monk's Hood)

Tall growing bushy perennial, flowering in July.
25 **Napellus, Blue**20 .60
27 " **White**30 1.50

Acroclinium (Everlasting)

33 **Single Mixed**10 .20
34 **Double Mixed**10 .20

Adlumia (Allegheny Vine)

A perennial vine with fern-like foliage.
37 **Cirrhusa. Pink flowers**20

Adonis

42 **Vernalis (Ox Eye).** Hardy perennial; yellow.... .10 .50

Ageratum (Floss Flower)

Used for bedding and grown extensively by florists in pots for spring sales.
50 **Blue Perfection.** The most popular sort of all. Dark blue, height 12 ins., compact showy plant.. .15 .50
61 **Little Blue Star.** Dainty little plant; very dwarf. .40
54 **Imperial Dwarf Blue.** Height, 8 inches..... .10 .30
56 " **White.** Height, 8 inches..... .10 .30
58 " **Mixed.** Height, 8 inches..... .10 .25
52 **Cope's Pet.** Blue; compact dwarf plant..... .15 .40
62 **Princess Victoria Louise.** Blue, white centre.... .15 .50
60 **Grandiflorum Album.** Tall, pure white..... .10 .50

Agrostemma (Mullein Pink)

66 **Coronaria.** Hardy perennial, with glaucous foliage, and deep crimson flowers..... .10 .20

Alyssum

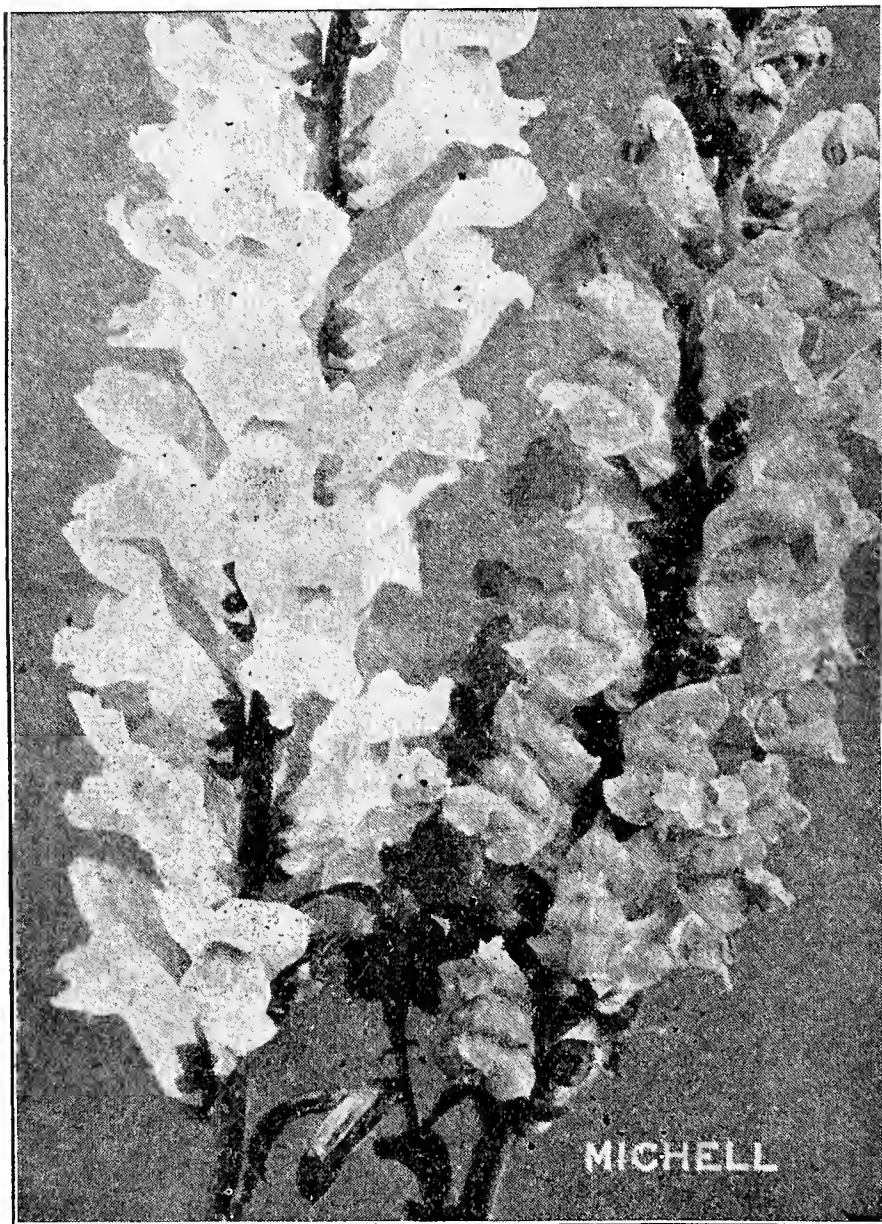
71 **Little Gem.** Our strain of this popular sort is quite distinct, very dwarf, compact and absolutely true from seed..... 1/4 lb., \$1.50 .10 .40
74 **Little Dorritt.** Even more compact than Little Gem and desirable for a pot plant..... .15 .50
73 **Sweet (Alyssum Benthami).** The well-known fragrant white..... Per lb., \$1.50 .10 .15
72 **Saxatile Campactum.** Perennial; golden yellow. .10 .30



Alyssum—Little Gem

Amaranthus

Fine ornamental foliage plants. Trade Pkt. Oz.
80 **Caudatus (Love-Lies-Bleeding).** Blood red leaves. \$0.10 \$0.15
86 **Sunrise.** Brilliant carmine25 .75
88 **Tricolor Splendens (Joseph's Coat).** Various colored leaves15 .50
90 **Mixed**10 .15

Giant Snapdragon (*Antirrhinum*)**Antirrhinum** (Snapdragon)**Michell's Giant Strain**

This "distinctive" strain is grown by many leading florists as a profitable cut flower during winter; spikes 2 to 3 feet tall with fully one-third a compact mass of giant flowers; colors clear and delicate.

127	Michell's Giant Salmon Pink.	A valuable addition to this popular flower; extra long spikes of flowers of a delicate salmon pink color.	Trade Pkt. \$0.30	Oz. \$2.25
109	Silver Pink (<i>New</i>).	An extra fine variety; long spikes and a very profuse bloomer. Original pkts., \$1.00; \$2.50 per 3 pkts.		
113	Giant Pink		.20	.60
114	" Scarlet		.20	.60
121	" Striped		.20	.60
115	" White		.20	.60
116	" Yellow		.20	.60
117	" Mixed		.15	.50
125	" Double White (<i>New</i>).	Flowers large and double; color, pure white.	.30	2.50
126	" Venus (<i>New</i>).	Large flowers; color, shell pink on white ground, with pure white throat	.30	

Antirrhinum, Various Sorts

122	Tall Mixed.	Regular strain; 2 feet.	.10	.25
111	Semi-Dwarf Daphne.	Pink, 18 inches.	.20	.60
110	" Defiance.	Fiery scarlet.	.20	.75
119	" Golden Queen.	Yellow.	.15	.50
120	" Queen of the North.	White.	.15	.50
118	" Mixed		.15	.50
112	Tom Thumb Mixed.	12 inches.	.15	.60

Ampelopsis

Trade Pkt. Oz.

100	Veitchi (<i>Japanese Ivy</i>).	(Per lb., \$1.50)	\$0.10	\$0.15
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Anchusa

102	Italica, "Dropmore Variety."	Perennial; branching plant, 4 feet; light blue flowers.	.30	1.25
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Anemone (Windflower)

Hardy perennial; excellent for cutting.

105	Coronaria Mixed.	The French Anemone.	.15	.50
107	St. Brigid.	The Irish Anemone.	.30	1.25

Anthemis (Hardy Marguerite)

108	Tinctoria Kelwayi.	Daisy-like bright yellow flowers; perennial	.10	.30
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Aquilegia—Long Spurred

Aquilegia (Columbine)

These early flowering perennials are a valuable cut flower and the demand for same is constantly on the increase.

		Trade Pkt.	Oz.
139	Long Spurred Hybrids.	A splendid assortment.	\$0.30 \$1.25
129	Canadensis.	Scarlet and yellow.	.20 1.00
130	Chrysantha.	Yellow	.20 1.00
131	" Alba.	Pure white.	.25 1.50
128	Californica Hybrida.	Mixed colors.	.20 2.00
132	Coerulea.	Blue and white.	.30 1.50
140	Flabellata Nana Alba.	Dwarf white.	.25 1.25
136	Glandulosa Vera.	Lavender and white.	.30
133	Haylodgensis Delicatissima.	Delicate pink.	.40
137	Nivea Grandiflora.	Pure white.	.10 .25
138	Rose Queen.	Deep rose.	.40
134	Single Mixed		.10 .20
135	Double Mixed		.10 .25

Arabis (Rock Cress)

144	Alpina.	Perennial; dwarf edging plant; flowers pure white	.10 .35
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Arctotis (African Daisy)

150	Grandis.	Splendid annual for cutting; bluish white	.15 .40
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Artemesia

152	Saccorum Viridis (<i>Summer Fir</i>).	A new annual foliage plant. Per pkt. 15c.	
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ARUNDO. See Grasses, page 40

**ASPARAGUS
PLUMOSUS NANUS**

We are Headquarters for the true Northern Greenhouse Grown Strain.

Our seeds are absolutely fresh and of high germination; our greatly increased sales each season proves beyond a doubt the superiority of our stock.

160 Greenhouse Grown Seed

100 seeds....\$0.50 | 5,000 seeds...\$15.00
1,000 seeds.... 3.25 | 10,000 seeds... 29.00
25,000 seeds.....\$70.00

161 Lathhouse Grown Seed

100 seeds....\$0.35 | 5,000 seeds...\$12.00
1,000 seeds.... 2.50 | 10,000 seeds... 23.00
25,000 seeds.....\$50.00

158 ASPARAGUS HATCHERII**New Type of Plumosus**

100 seeds....\$1.00 | 500 seeds.....\$3.25
250 seeds.... 2.00 | 1,000 seeds..... 6.00

162 ASPARAGUS SPRENGERI

100 seeds\$0.15
1,000 seeds75
5,000 seeds 3.00
10,000 seeds 5.50
25,000 seeds12.50

ASPERULA

165 *Odorata* (*Sweet Woodruff*). Suitable for hardy borders; very dwarf; white. Trade pkt. 15c., oz. 60c.



MICHELL

Asparagus Plumosus Nanus

Dear Sirs:

ERIE, PA.

Out of the 5,000 Asparagus Plumosus Nanus Seeds received from you we have just potted up 4,738 plants and there are some still coming up.

L. A. S.

Dear Sirs:

BINGHAMTON, N. Y.

Out of 5,000 Asparagus Plumosus Nanus Seeds received from you we potted up 5,020 plants. We win in a walk.

Respectfully,

H. S. H.

*Crego Aster***MICHELL'S "DISTINCTIVE" ASTERS**

We wish to emphasize the fact that our Asters are grown for us by specialists, and in many cases under our own supervision.

Michell's "Distinctive" Quality is nowhere more prominent than with our Asters, and we can recommend them with the utmost confidence to produce the very best results.

ASTER NEW CREGO

One of the finest varieties of Asters and has rapidly come into popular favor. Flowers are gigantic in size, often 5 inches across and with long, stout stems averaging 15 inches in length. The twisted and curled petals give the flower the appearance of a huge, flat Chrysanthemum.

	Trade Pkt.	Oz.		Trade Pkt.	Oz.
199 White.....	\$0.40	\$1.75	201 Purple	\$0.40	\$1.75
198 Shell Pink....	.40	1.75	203 Mixed .....	.40	1.75
202 Rose Pink....	.40	1.75			

ASTER, EARLY WONDER

The earliest variety in cultivation, coming into bloom several days before "Queen of the Market." Flowers are large, very double, similar to "Comet" type and are carried erect on long stems.

	Trade Pkt.	Oz.		Trade Pkt.	Oz.
228 White.....	\$0.40	\$2.00	227 Pink.....	\$0.40	\$2.00

ASTER, QUEEN OF THE MARKET
(Extra Early)

The standard-bearer of the early flowering sorts. Our strain has been re-selected for its earliness and will prove of exceptional quality.

	Trade Pkt.	Oz.
279 White	\$0.20	\$0.75
277 Blush Pink .....	.20	.75
274 Rose Pink .....	.20	.75
276 Light Blue .....	.20	.75
275 Dark Blue .....	.20	.75
278 Crimson .....	.20	.75
280 Choice Mixed .....	.20	.65



Aster—Michell's Improved Semple's Branching

Michell's Improved Semple's Branching Aster

What we offer is an **Improved Strain** of this grand Aster, secured after many years of careful selection of our stock seed, and should not be compared to what is usually offered as the Semple's Branching.

	Trade Pkt.	Oz.
257 Lavender	\$0.30	\$1.00
259 Shell Pink .....	.30	1.00
262 White .....	.30	1.00
258 Rose Pink .....	.30	1.00
260 Purple .....	.30	1.00
261 Crimson .....	.30	1.00
263 Choice Mixed .....	.30	1.00

Astermum

A Glorified Aster—A Splendid New Type

The plants grow straight up with long, sturdy stems from 18 to 24 inches in length. For illustration and further description see Novelties, page 23.

	Trade Pkt.	Oz.
172 White	\$0.50	\$3.00
171 Pink .....	.50	3.00
170 Lavender .....	.50	3.00
173 Mixed .....	.50	3.00

FIRST PRIZE FOR MICHELL'S ASTERS

MR. HENRY F. MICHELL, Perkasi, Pa., Sept. 26, 1912.
Dear Sir:—Last Spring I purchased some Aster seed from you, which were the best I ever saw; the flowers were large and plenty of them. We were asked to send some of them to the Bucks County Fair. They were arranged in a large bouquet and were awarded **First Prize for the best display of Asters. Every flower in the bunch was raised from Michell's seed; they are good enough for me.**
Respectfully yours, W. JOHN BARKEL.

Aster, Truffaut's Prize

(Paeony Flowered)

Flowers are of incurved form, fairly large and are carried erect on straight stems. Fine for cutting or pots.

	Trade Pkt.	Oz.
304 White	\$0.30	\$1.50
302 Pink .....	.30	1.50
301 Light Blue .....	.30	1.50
303 Purple Violet .....	.30	1.50
300 Crimson .....	.30	1.50
305 Choice Mixed .....	.30	1.25

Aster, Giant Comet

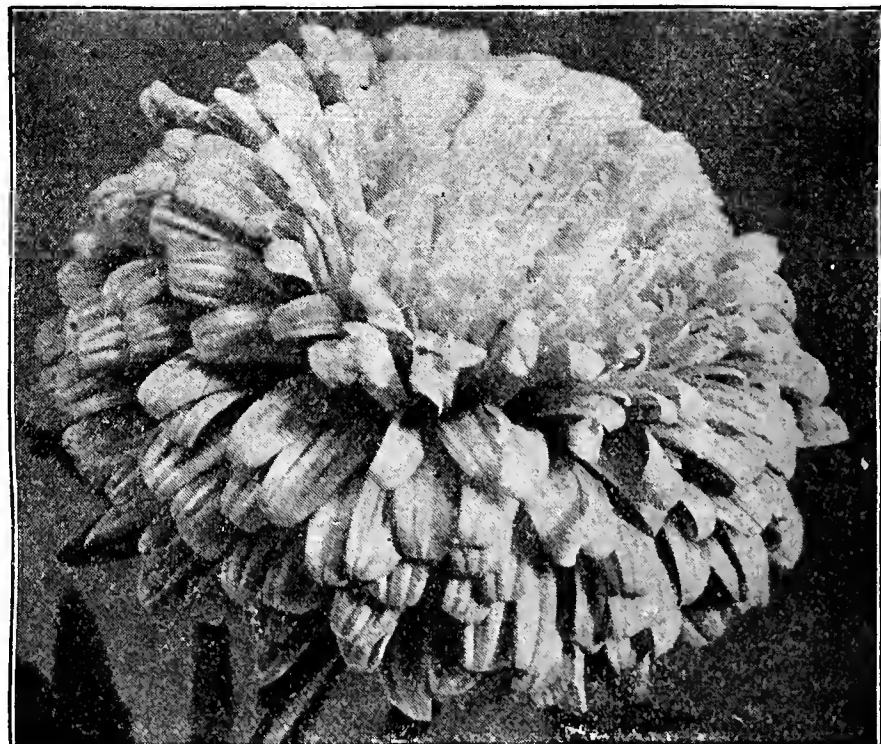
Long narrow petals which curve at the ends give this flower the appearance of a Japanese Chrysanthemum. Plants branch freely and produce their flowers on long stems.

	Trade Pkt.	Oz.
194 White	\$0.30	\$1.75
192 Peach Blossom .....	.30	1.75
193 Pink and White .....	.30	1.75
190 Light Blue .....	.30	1.75
189 Dark Blue .....	.30	1.75
191 Crimson .....	.30	1.75
195 Choice Mixed .....	.30	1.50

Aster, Victoria Prize

A flat, solid, deep flower produced in masses on a compact, fairly dwarf plant. Good for pots.

	Trade Pkt.	Oz.
324 White	\$0.30	\$2.25
321 Pink .....	.30	2.25
320 Light Blue .....	.30	2.25
322 Purple .....	.30	2.25
323 Scarlet .....	.30	2.25
325 Choice Mixed .....	.30	2.00



Aster—Invincible

Aster, Invincible

A splendid Aster to fill in between the early sorts and the late ones. It is, so to say, a mid-summer Aster. Flowers are very large, perfectly double and come on long, stout stems often two feet in length. Plants are of branching habit; one of the best florists' Asters.

	Trade Pkt.	Oz.		Trade Pkt.	Oz.
235 Blue	\$0.30	\$1.50	238 Rose Pink	\$0.30	\$1.50
236 Crimson .....	.30	1.50	239 White .....	.30	1.50
237 Lavender .....	.30	1.50	239A Mixed .....	.30	1.25



Aster—Violet King

King Asters

Habit of growth similar to the Branching Aster; in form the flower is distinct; petals resemble the quilled varieties, but are larger and broader, those in the centre being curled and incurved.

- 317 **Vick's White King** (*New*). The flowers are large, full centred and pure white and of the same type as Violet King; plants of upright habit; stems long. Per pkt. 20c., 35c. per 2 pkts. Trade Pkt. Oz.
- 282 **Rose King**. Plants of branching habit, with stems frequently 2 feet in length; flowers large, double, and of a deep rose color.....\$0.40 \$1.50
- 316 **Violet King**. A distinct color, large double flowers of a pleasing shade of soft violet..... .40 1.25

Asters of the Daybreak Type

The Daybreak class forms strong plants of symmetrical growth; flowers large, perfectly double and carried on long erect stems. Trade Pkt. Oz.

- 270 **Michell's Purity** (*White Daybreak*). Our strain of this variety is a re-selection and a great improvement; color, pure glistening white.....\$0.30 \$2.50
- 205 **Pink Daybreak**. Large, double and of a delicate pink30 2.00
- 250 **Lavender Daybreak**. Large flowers of a beautiful shade of lavender..... .40 2.25
- 253 **Lemon Drop** (*Yellow Daybreak*). Flowers perfect in form and of a decided yellow color.... .40 2.50
- 284 **Salmon King** (*Salmon Daybreak*). A splendid addition to the Daybreak class; the color is novel, and of a pleasing shade..... .40 2.50

Asters—Various Sorts

- 266 **Peerless Pink**. A valuable variety of the late branching type, although coming into bloom a little earlier; bears a profusion of large, double flowers of a rich shell pink color, very similar in shade to the Mary Semple variety..... .50 2.50
- 229 **Electric**. A new and distinct variety, growing about 18 inches high, long wiry stems; flowers large; petals long, thread-like and quilled; color, snowy white..... .40 2.00
- 312 **Vick's Enchantress Pink** (*New*). Flowers large and double; color, a delicate shade of pink. Per pkt. 20c., 35c. per 2 pkts.
- 251 **Lady Roosevelt**. One of the finest recent introductions; flowers resemble incurving Chrysanthemums, the color a gorgeous pink, of marvelous beauty; stems 40 inches long are nothing unusual, 30 inches long are common; season late .50 4.00

Asters—Various Sorts—Continued

- 252 **Lavender Gem**. An excellent variety of "Comet" Trade form, with large perfectly double flowers, color Pkt. Oz.
lavender\$0.40 \$2.50
- 268 **Pink Beauty**. Of the Chrysanthemum Flowered type; immense flowers; color, blush pink..... .40 2.50
- 180 **China or German Mixed**. This mixture contains many sorts and colors..... .15 .40
- 308 **Vick's Mikado Pink**. Of Comet form, flowers larger and more perfectly double, averaging 5 inches in diameter; exquisite shade of shell pink40 2.00

PERENNIAL ASTER (Michaelmas Daisy)

- 328 **Mixed**. All colors..... .25 1.00

Auricula (Primula Auricula)

- 410 **Choice Mixed**. Hardy perennial with flowers of many beautiful colors..... .40 4.00

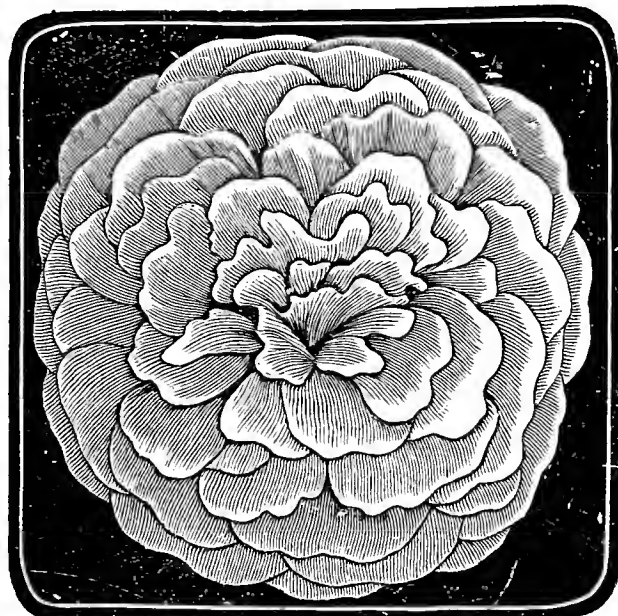
Avena (See Grasses, Page 40)

HAMMONTON, N. J.

Gentlemen:—

The Asters we are sending you are grown from your seeds, and we think they are extra fine.

Yours truly,
W. & N.



Balsam—White Perfection

Balsam (Lady Slipper)

- | | Trade Pkt. | Oz. |
|---|------------|--------|
| 425 Camellia Flowered Pink | \$0.20 | \$0.60 |
| 426 " " Prince Bismarck . Rich | | |
| salmon pink | .25 | 1.00 |
| 427 " " Scarlet | .20 | .60 |
| 429 " " White Perfection | .25 | 1.00 |
| 431 " " Choice Mixed | .15 | .40 |
| 432 Fine Mixed | .10 | .30 |

Balsam Apple

- 440 **Momordica Balsamina**10 .15

Baptisia (False Indigo)

- 442 **Australis**. Tall, showy plants with deep blue flowers; perennial15 .60

Bartonia

- 443 **Aurea**. Dwarf edging plant; yellow flowers.... .10 .25

Beans (Flowering and Running)

- 444 **Butterfly**. Pink and white on same flower. (1/4 lb. 25c.) .10
- 445 **Scarlet Runner**. (Pint 15c., 30c. per qt.)
- 446 **White Runner**. (Pint 15c., 30c. per qt.)

*Begonia, Vernon***BEGONIAS**

As a bedding plant there is nothing more satisfactory and result-giving. Seeds sown in January make splendid flowering plants in May.

		Trade Pkt.	Oz.
471	Semperflorens Vernon. The most popular of all; orange crimson flowers...	\$0.25	\$2.50
455	" Anna Regina. Deep rose .....	.50	
459	" Erfordia. Soft delicate pink...	.30	
463	" Queen of Carpet Bedders. Dwarf red .....	.30	
473	" Zulu King. Blood red .....	.50	
467	" Choice Mixed .....	.30	2.00

BEGONIA GRACILIS

This type produces very compact little plants that are literally covered with flowers; an easy seller.

		Trade Pkt.	Oz.
460	Gracilis Prima Donna. Rose, shading to carmine.	\$0.50	
458	" Rosea. Pink .....	.30	
457	" Luminosa. Fiery dark scarlet .....	.40	
456	" Alba. Pure white .....	.30	

BEGONIA REX HYBRIDS

464	Ornamental leaves, in self-color and variegation..	.50	
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BEGONIAS, TUBEROUS ROOTED

These are easily raised from seed; produce enormous flowers and grow best in partial shade.

		Trade Pkt.	Oz.
469	Single Mixed	\$0.50	
461	International Prize. Single; enormous flowers; extra fine. Original pkt. 17c.		
470	Double Mixed. Original pkt. 17c.		

BOLTONIA (False Chamomile)

481	Latisquama. Perennial; aster-like flowers; pinkish lavender25	1.00
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BRACHYCOME (Swan River Daisy)

485	Iberidifolia. Compact growing annual; small blue flowers15	.50
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BRIZA (See Grasses) page 40.**BROMUS (See Grasses) page 40.****BROWALLIA**

500	Elata Coerulea. Blue15	.50
502	Speciosa Major. Most desirable variety as a pot plant; large flowers, rich blue .....	.25	

CALCEOLARIA

A most decorative pot plant, which finds ready sale if well grown. The strains we offer are the best in the world.

		1/2 Trade Pkt.	Trade Pkt.
515	Hybrida Grandiflora, Choice Mixed	\$0.60	\$1.00
516	" Compacta. Dwarf, mixed .....	.60	1.00
517	James' Superb Strain. Superfine, mixed .....	.60	1.00
519	Sutton's Perfection. In original packages, 75c.		
518	Rugosa Mixed. A small flowering sort used for bedding out .....	.60	1.00

CALENDULA (Pot Marigold)

Raised extensively as a pot plant for bedding.

		Trade Pkt.	Oz.
526	Meteor. Orange, striped deep golden	\$0.10	\$0.15
527	Orange King. Rich dark orange .....	.10	.15
528	Prince of Orange. Dark orange striped .....	.10	.15
525	Grandiflora. Large golden yellow .....	.10	.15
529	Sulphurea. Sulphur yellow .....	.10	.15
530	Mixed .....	.10	.15

*Calliopsis—Golden Wave***CALLIOPSIS (Coreopsis)****ANNUAL VARIETIES**

		Trade Pkt.	Oz.
535	Golden Wave (Drummondii). Large golden yellow	\$0.10	\$0.15
536	Nigra Speciosa. Rich crimson maroon .....	.10	.15
537	Choice Mixed .....	.10	.15

PERENNIAL VARIETIES

540	Lanceolata Grandiflora. Large golden yellow..	.10	.30
541	California Sunbeams. Large flowers, yellow and brown .....	.20	.50

CAMPANULA (Bellflower) (Perennial)

The taller sorts are splendid for cut flowers and most decorative; as a border plant they are indispensable.

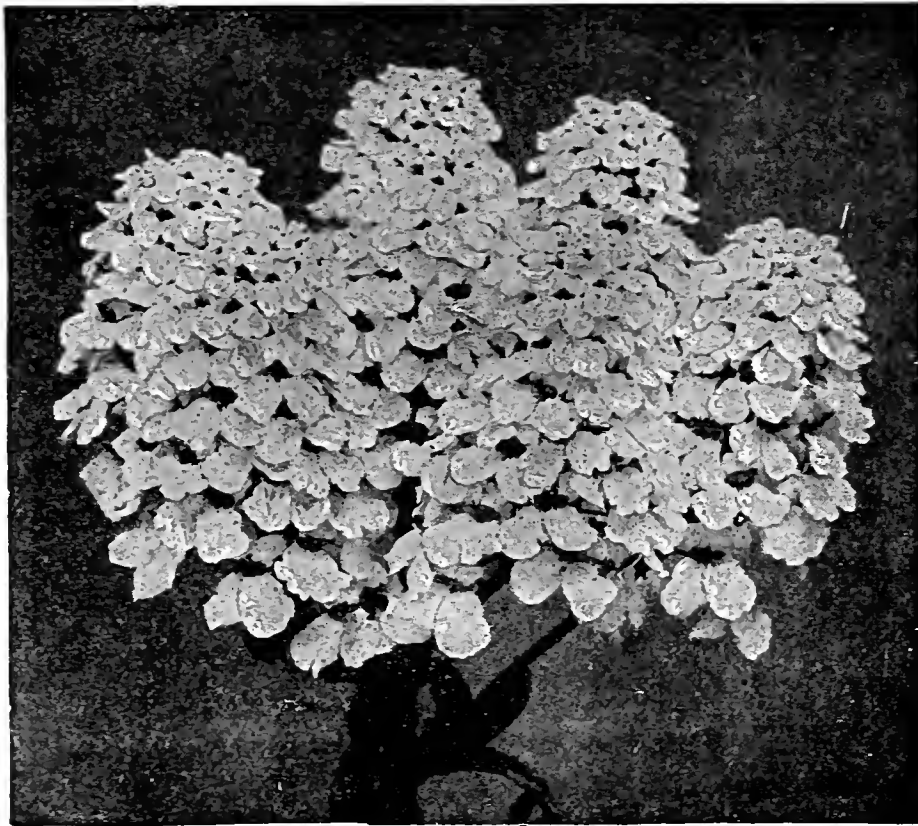
		Trade Pkt.	Oz.
538	Carpatica Blue. Dwarf, 6 inches	\$0.10	\$0.50
539	" White. Dwarf, 6 inches .....	.10	.50
547	Persicifolia Grandiflora, Blue. Grows 3 to 4 ft. high and produces large bell-shaped flowers along the whole stem .....	.25	2.00
548	Persicifolia Grandiflora, White .....	.25	2.00
549	Pyramidalis (Chimney Bell). 6 feet. Blue and white mixed .....	.15	.60

CAMPANULA MEDIA (Canterbury Bell) (Biennial)

543	Single Blue .....	.10	.40
544	" Pink .....	.10	.40
553	" White .....	.10	.40
550	" Mixed .....	.10	.30
551	Double Mixed .....	.15	.75

CAMPANULA CALYCANTHEMA (Cup and Saucer)

545	Calycanthemum White .....	.25	2.00
588	" Pink .....	.25	2.00
586	" Blue .....	.25	2.00
546	" Mixed .....	.20	1.50



Candytuft—Michell's Giant

Candytuft (Iberis)

561 Michell's Giant White.	The largest of all. Immense spikes of pure white flowers. (Lb. \$3.00)	Trade Pkt. \$0.15	Oz. \$0.35	¼ lb. \$1.00
562 Empress.	Flat heads of white flowers. (Lb. \$2.00)	.10	.20	.60
566 Pink		.10	.25	.75
560 Crimson		.10	.15	.40
559 Carmine		.10	.25	.75
568 Purple		.10	.15	.50
574 White Rocket.	(Lb. 60c.)	.10	.20	
564 Little Prince.	Very dwarf, white.	.10	.30	1.00
576 Mixed.	All colors. (Lb. 75c.)		.10	.20
570 Sempervirens.	Perennial; fine for edging borders; white	.25	2.00	

Canary Bird Flower

555 Tropaeolum Canariense.	Yellow.	.10	.20	
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Canna

597 Mixed.	Dwarf French. (Lb. \$1.00)	.10	.30	
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Carnation

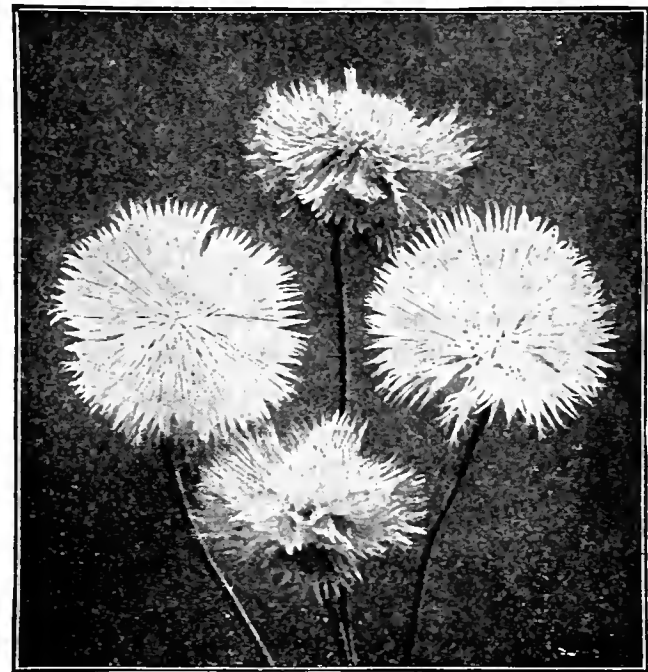
600 Early Vienna Mixed.		Trade Pkt. \$0.25	Oz. \$1.50	
602 Finest German Mixed.	(1/32 oz. \$1.50)	.50		
610 Choice Mixed		.40	1.50	
604 Marguerite Excelsior, Mixed.	Extra large flowers	.30	1.00	
605 " Pink		.30	1.00	
606 " White		.30	1.00	
607 " Scarlet		.30	1.00	
608 " Yellow		.30	1.00	
609 " Choice Mixed		.20	.60	

Celosia**Cristata or Cockscomb Varieties**

617 Giant Empress.	Bright crimson, dark foliage.	.25	1.00	
619 Glasgow Prize.	Dark crimson.	.20	1.00	
630 Aurea.	Yellow	.25	1.00	
625 Sutton's Prize.	Dwarf scarlet (Orig. pkt. 40c.)			
631 Choice Mixed.	Dwarf sorts.	.15	.60	

Plumosa or Feathered Varieties

622 Pride of Castle Gould (New).	Large flower heads; color, blood red, carmine, yellow, orange scarlet, etc., in mixture.	.30		
624 Scarlet		.10	.30	
620 Golden Plume.	Deep golden.	.10	.30	
623 Spicata.	Pyramidal shape plant, plumes silvery.	.15	.50	
626 Thompsoni Magnifica.	Various colors.	.20	.60	
627 Thompson's Superb.	Crimson.	.15	.50	
633 Choice Mixed		.10	.25	



Centaurea Imperialis—New Giant Cornflower

Centaurea**Centaurea Cyanus (Cornflower) Trade Pkt. Oz.**

638 Emperor William.	Deep blue... (¼ lb. 50c.)	\$0.10	\$0.15
644 Double Blue.	Splendid for forcing.	.15	.60
639 Pink		.10	.15
640 White		.10	.15
641 Choice Mixed	(¼ lb. 40c.)	.10	.15
642 Double Mixed		.10	.25

Centaurea Imperialis (Giant Cornflower)

645 Deep Rose		.15	.60
646 Lavender		.15	.60
647 Lilac		.15	.60
648 Brilliant Pink		.15	.60
649 Purple		.15	.60
650 White		.15	.60
651 Choice Mixed		.10	.40

New Giant Flowered Centaureas

Magnificent flowers of brilliant colors; excellent for cutting.

643 The Bride.	Pure white.	.30	
652 The Bridegroom.	Purplish mauve.	.30	
659 Honeymoon.	Golden yellow.	.30	

White Leaved Centaureas (Dusty Miller)

635 Candidissima.	Broad cut silvery gray foliage. (1000 seeds, 30c.)	1.25	
636 Gymnocarpa.	Silvery fine cut leaves, bedding plant. (1000 seeds, 15c.)	.40	

Various Centaureas

634 Americana.	Lilac purple.	.15	.50
654 Margaritae.	Large pure white.	.20	.60
656 Suaveolens.	Large yellow	.10	.25
658 Pulcherrimus (New).	A perennial variety; flowers resemble in appearance the Giant Cornflower: are of large size, and of a delicate pink color. Per pkt. 20c., 55c. per 3 pkts.		
655 Montana.	Perennial, blue	.25	1.00
657 " Alba.	Perennial, white	.25	1.75

Centrosema (Butterfly Pea)

660 Grandiflora.	Rosy violet to purple.	.20	.75
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Cerastium (Snow in Summer)

662 Tomentosum.	Dwarf, white leaved edging plant; flowers white; perennial	.3	2.00
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Chrysanthemum

Annual Varieties		Trade Pkt.	Oz.
669 Helios.	Large golden yellow.....	\$0.10	\$0.25
680 White Star.	Fern-like foliage, flowers white .....	.15	.50
670 Inodorum	Snowball. Large double white .....	.15	.50
677 Segetum	Grandiflorum. Golden yellow .....	.10	.25
681 Single Mixed	.....	.10	.15
683 Double Mixed	.....	.10	.15

Perennial Varieties		Trade Pkt.	Oz.
666 Comtesse de Chambord.	Yellow Paris Daisy .....	.15	.50
667 Frutescens	Grandiflorum. White Paris Daisy .....	.15	.50
671 Shasta Daisy	"Alaska." Pure white..	.50	2.00
673 King Edward VII.	Extra large; pure white .....	.20	.75
675 Princess Henry.	Large flowered white .....	.20	.60
685 Japanese Hybrids.	Large flowered, mixed .....	.50	4.00

Clarkia

708 Single Mixed	.....	.10	.30
709 Double Mixed	.....	.10	.35

Clematis

710 Flammula.	Feathery white flowers.....	.10	.25
712 Jackman's	Large Flowering. Mixed..	.30	1.75
714 Paniculata.	White star-shaped flowers.	.15	.50

Cleome (Giant Spider Plant)

720 Pungens.	Rose-colored flowers.....	.15	.50
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Cobea Scandens (Cup and Saucer Vine)

A graceful vine of which millions are sold annually by florists as pot plants. Seeds should be placed edge-wise to insure good germination.

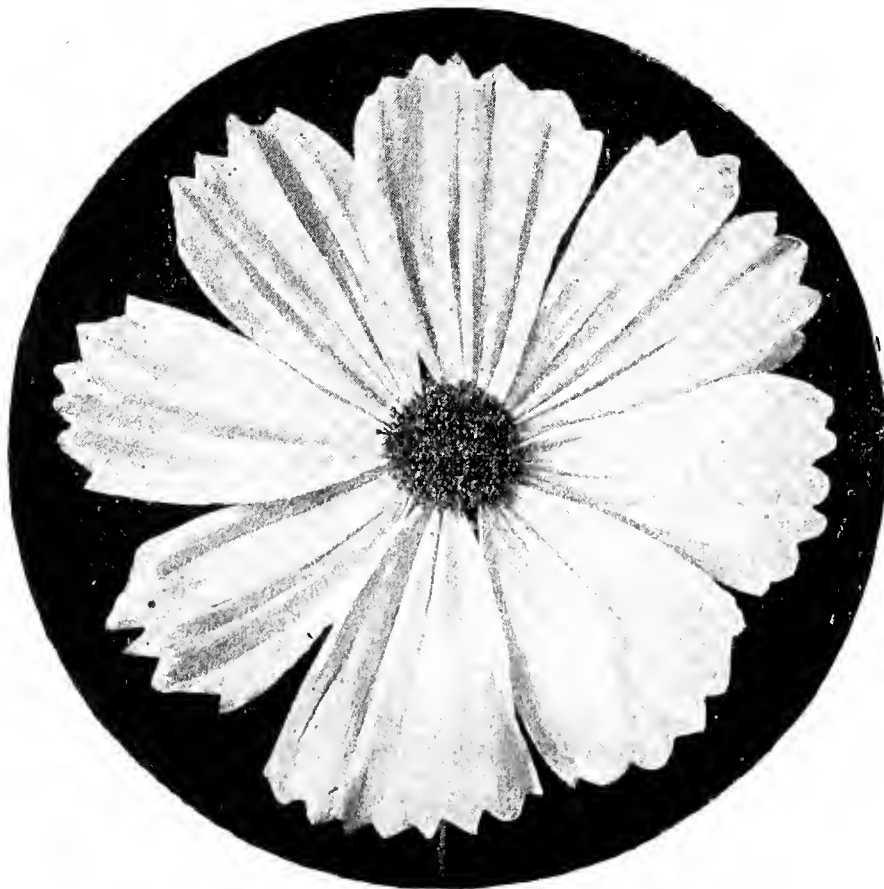
	Trade Pkt.	Oz.
725 Purple	\$0.10	\$0.40
726 White	.25	.75

COIX LACHRYMAE. See Grasses, page 40

Coleus

735 Large Leaved.	Choicest mixed.....	.50	2.50
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CONVOLVULUS (Morning Glory). See next page.



Photograph of Single Flower (Actual Size)
Michell's Giant Flowering Cosmos



Cineraria—Michell's Grandiflora Prize

Michell's "Distinctive" Cinerarias

Our improved strains have been acclaimed wonderful; immense trusses of the largest flowers.

	1/2 Trade Pkt.	Trade Pkt.
691 Dwarf Grandiflora Prize.	Mixed colors.....	\$0.60 \$1.00
693 Medium Tall	" " " " .....	.60 1.00
699 James' Giant Strain.	Mixed colors.....	.60 1.00
707 Sutton's Superb.	Mixed colors (Orig. pkt. 60c.) .....	.60 1.00
700 Matador.	Large flowering scarlet.....	.60 1.00
695 Hybrida, Choice Mixed	.....	.30 .50
702 Radiata Hybrida.	Small star-like flowers.....	.60 1.00
703 Sutton's Stellata.	Star-shaped. (Orig. pkt. 60c.) .....	.60 1.00
705 Stellata Hybrida.	Mixed colors.....	.60 1.00

Cineraria (Dusty Miller) Trade Pkt. Oz.

701 Maritima Candidissima.	White leaved, used for bedding	\$0.10 \$0.20
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Cosmos

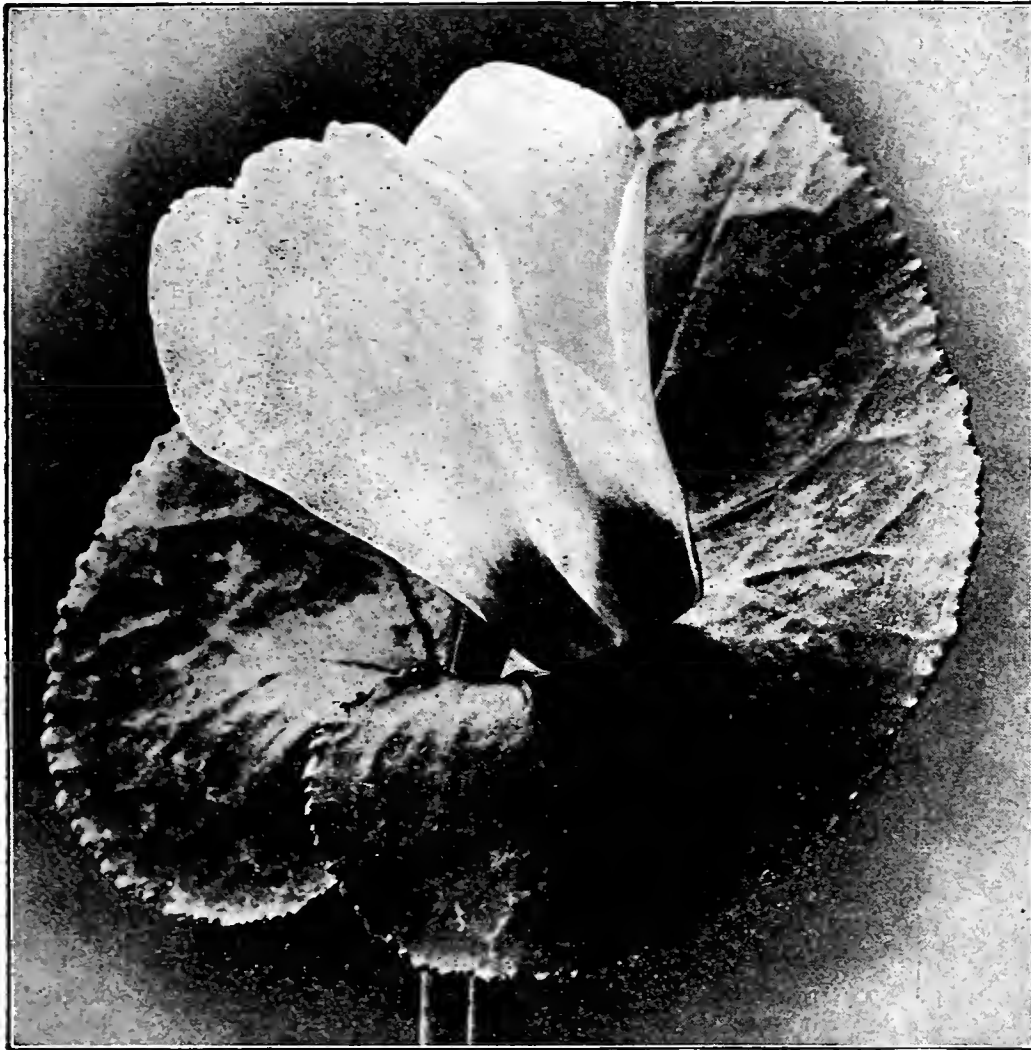
Michell's Large Early Flowering

This new Early Flowering Strain begins blooming very early and produces flowers of large size.

	Trade Pkt.	Oz.
751 Large Early Flowering, Crimson	\$0.15 \$0.50
752 " " " Pink15 .50
753 " " " White15 .50
754 " " " Mixed15 .40
755 Dawn.	Dwarf early; white, tinged pink.....	.15 .50

Giant or Late Cosmos

759 Giant Flowering Pink	.....	.10 .30
761 " " Crimson	.....	.10 .30
763 " " White	.....	.10 .30
765 " " Mixed	.....	.10 .25
767 " Fancy Varieties. Mixed	.....	.25 .75
768 " Rainbow.	Large frilled flowers; mixed..	.20 .60
769 " Flowering Klondyke.	Yellow .....	.25 .75
771 " " "Lady Lenox."	Immense flowers; color beautiful shell pink.....	.15 .40
773 Giant Flowering White Lady.	Similar to Lady Lenox, excepting that the flowers are pure white .....	.30



Michell's Fancy Giant Cyclamen

Cyclamen

Of this important florist's flower we now offer two distinct strains, both unchallenged in their class as "distinctively superior."

Michell's "Distinctive" Giant

This is the English strain, grown for us exclusively by a grower of world-renown, whose sole output is handled by us, consequently our quality cannot be duplicated. *Flowers* are *gigantic*; colors clear and superb; specimen plants are a thing of beauty and always win first prize at exhibitions.

	100 Seeds	1000 Seeds
794 Pure White	\$1.00	\$8.50
796 Soft Pink	1.00	8.50
792 White with Red Base	1.00	8.50
790 Brilliant Crimson	1.00	8.50
798 Salmon Pink	1.00	8.50
799 Mixed. A splendid assortment of colors.....	.90	8.00

Michell's Giganteum Cyclamen (Continental Strain)

Again this is grown for us exclusively by a specialist, but on the Continent, and the distinction between the former and this strain is, that the Giganteum strain produces comparatively smaller flowers but twice and three times the number of flowers at one time, also that it flowers much earlier. German growers invariably prefer this strain, as it is the strain of the Fatherland.

	100 Seeds	1000 Seeds
780 Album. White	\$0.75	\$6.00
782 Roseum. Pink .....	.75	6.00
784 Rubrum. Red .....	.75	6.00
786 White with Red Eye .....	.75	6.00
788 Mixed Colors .....	.60	5.00
802 Papilio (Butterfly). Mixed colors.....	1.00	7.50

806 Cyclamen, Sutton's Giant

Mixed Colors. A celebrated strain. Original pkts., \$0.75.

804 Cyclamen, Persicum

	Trade Pkt.	Oz.
Mixed. The common type	\$0.30	\$2.00

Convolvulus (Morning Glory)

Major or Tall Varieties

	Trade Pkt.	Oz.
740 Japanese Imperial. Mixed (lb. \$1.25)	\$0.10	\$0.15
741 " " Fringed. Mixed (lb. \$2) .....	.10	.20
742 Mixed	(lb. 40c.)	.10
744 Double Flowering. Mixed colors.....	.10	.25

Minor or Dwarf Varieties

746 Tricolor. Blue	(lb. 50c.)	.10
748 Mixed	(lb. 40c.)	.10

Cuphea (Cigar Plant)

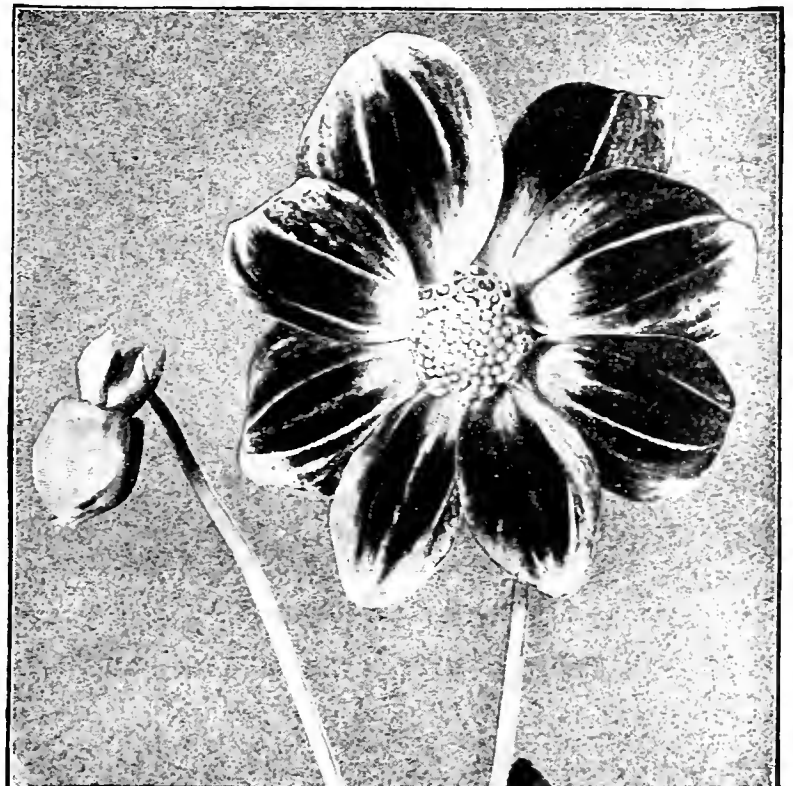
775 Platycentra. Scarlet25	3.50
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Cyperus (Umbrella Plant)

810 Alternifolius40	1.50
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Cypress Vine (Ipomoea Quamoclit)

815 Scarlet10	.20
817 White10	.20
819 Mixed10	.15



Twentieth Century Dahlia

Dahlia

Both the Double and Single Dahlias can be easily grown from seed, and will produce blooming plants the first summer if the seed is sown before May.

	Trade Pkt.	Oz.
827 Double Cactus. All colors mixed.....	\$0.25	\$1.25
829 " Large Flowering. Show type, mixed..	.25	1.00
832 Single Century. Mixed from named sorts. (Pkt. 15c.)		
833 Collarette. Flowers of various colors, with a collar of small petals around the centre.....	.25	1.00
835 " Giant Perfection. Mixed.....	.25	.60
847 " Twentieth Century. (Pkt. 10c.).....		

Daisy, English Double (Bellis Perennis)

856 Monstrosa, Pink. (1/8 oz. \$1.00) .....	.50	
858 " White. (1/8 oz. \$1.00) .....	.50	
857 " Mixed. (1/8 oz. \$1.00) .....	.50	
859 Longfellow. Large pink .....	.30	2.00
860 Snowball. Large white .....	.30	2.00
855 Giant Red. Various shades of red.....	.50	2.00
861 Double Mixed .....	.30	1.75

Datura (Trumpet Flower)

864 Cornucopia. White, marbled purple.....	.10	.30
866 Double Golden .....	.10	.25
868 " Mixed .....	.10	.25
862 Brugmansia .....	.30	2.25



Delphinium—Kelway's Giant

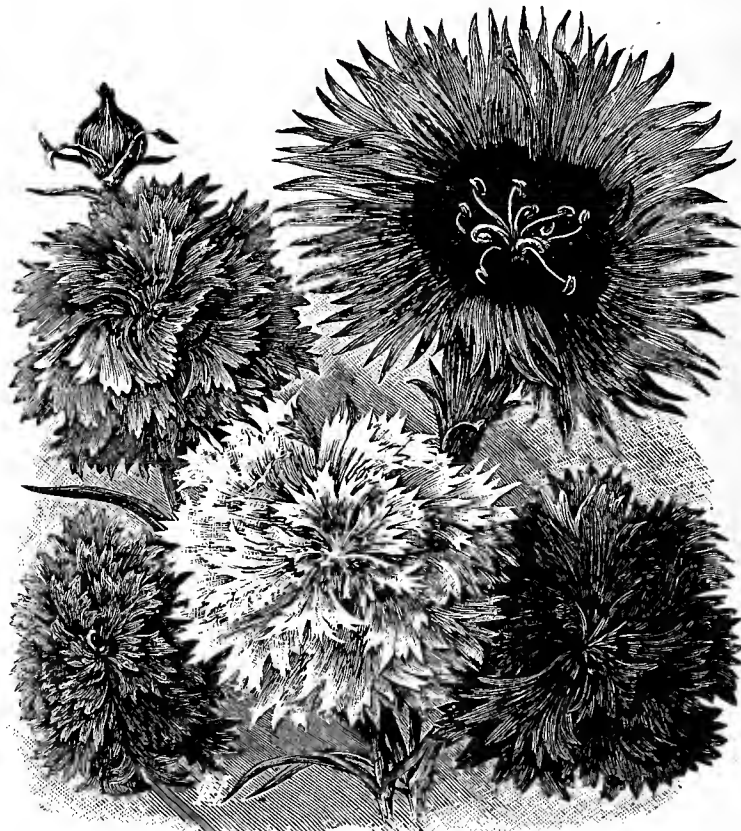
Delphinium (Perennial Larkspur)

	Trade Pkt.	Oz.
878 Kelway's Giant. Enormous spikes with flowers of many shades of blue.....	\$0.40	\$2.00
871 Bella Donna. Light turquoise blue.....	.50	2.50
872 Burbank's Hybrids. Splendid assortment of colors; large flowers.....	.40	2.50
884 Amos Perry. Rosy mauve, flushed sky blue....	.40	2.00
885 Duke of Connaught. Oxford blue, white eye..	.40	1.50
877 Formosum. Deep blue .....	.15	.60
880 " Coelestinum. Sky blue .....	.25	.75
875 Chinense Grandiflorum. Dwarf, flowers blue..	.10	.30
874 " Album. White .....	.10	.30
873 Cashmerianum. Large, dark blue.....	.40	2.50
876 Elatum (Bee Larkspur). Blue.....	.20	.50
886 Mme. Violet Geslin. Clear blue, white eye....	.40	2.00
879 Nudicaule. Scarlet .....	.40	3.00
887 Portia. Cornflower blue, dark centre.....	.40	2.00
888 Queen Wilhelmina. Soft lavender-blue, flushed with rose, white eye.....	.40	2.00
889 Rembrandt. Bright sky-blue, inner petals rosy lavender .....	.40	2.00
881 Zalil. Yellow .....	.40	
883 Hybridum, Mixed. All shades.....	.10	.30

For ANNUAL LARKSPUR See Page 42

Digitalis (Foxglove)

927 Gloxiniaeflora, Pink	\$0.10	\$0.40
924 " Lilac .....	.10	.40
928 " Purple .....	.10	.40
929 " White .....	.10	.40
930 " Mixed .....	.10	.30
932 Monstrosa, Mixed .....	.25	.75



Dianthus (Annual Pink)

Dianthus (Pinks)

Double Annual Sorts

	Trade pkt.	Oz.
890 China or India Pinks. Mixed.....	\$0.10	\$0.25
892 Fireball. Fiery scarlet.....	.15	.75
894 Fringed. Large, mixed colors.....	.15	.50
896 Japan Pink. Choice mixed.....	.15	.50
898 White. Fringed flowers .....	.15	.75

Dianthus—Single Annual Sorts

909 Japan Pink. Mixed colors .....	.15	.40
911 Nobilis (Japan Royal). Mixed.....	.20	.50
915 Salmon Queen. Brilliant salmon color.....	.15	.60

Dianthus—Hardy Garden Sorts

919 Clove Scented. Double mixed.....	.30	2.00
917 Dwarf Erfurt. Fragrant; double; mixed colors .....	.50	2.50
920 Latifolius Atrococcineus (Everblooming Hybrid Sweet William). Double red.....	.20	.50
921 Pheasant's Eye. Single fringed flowers; mixed .....	.10	.50
923 Double Scotch. Choice colors, mixed.....	.30	1.50

Dictamnus (Gas Plant)

925 Fraxinella. Perennial; purple red flowers.....	.10	.25
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Digitalis



Dimorphotheca—Aurantiaca Hybrida

Dimorphotheca

- 926 **Aurantiaca** (*African Orange Daisy*). The golden orange daisy-like flowers are splendid for cutting and especially adapted for forcing..... Trade Pkt. Oz. \$0.30 \$1.00
- 931 **Aurantiaca Hybrida**. A splendid mixture of colors and shades40 1.50
- 938 **Aurantiaca Hybrida, fl. pl.** Double and semi-double flowers in various colors. For illustration and full description see Novelties, page 25. Per pkt. 20c., 55c. per 3 pkts.

Dolichos (Hyacinth Bean)

- 934 **Darkness**. Purple violet (1/4 lb. 25c.)..... .10
- 935 **Daylight**. Pure white (1/4 lb. 25c.)..... .10
- 937 **Choice Mixed** (1/4 lb. 20c.)..... .10

Dracena

- 942 **Indivisa**. Our seeds are picked for plumpness. Narrow green leaves; the popular sort for bedding or vases (1/4 lb. \$1.00) .10 .30
- 940 **Australis**. Broad leaves15 .50

Echinocystis (Wild Cucumber Vine)

- 945 **Lobata**10 .20

Edelweiss

- 950 **Gnaphalium Leontopodium**. The popular Alpine30 2.00

Eschscholtzia (California Poppy)

- 951 **Californica**. Yellow10 .20
- 952 **Burbank's Crimson**. Large; deep crimson..... .20 .50
- 955 **Golden West**. Large golden yellow..... .10 .20
- 959 **Orange**10 .20
- 963 **White**10 .20
- 957 **Mandarin**. Orange and scarlet..... .10 .20
- 961 **Rose Cardinal**. Carmine rose..... .10 .20
- 965 **Choice Mixed**10 .15

EULALIA (See Grasses) page 40

Eupatorium

A fine perennial, and useful for cutting.

- 975 **Fraseri**. White flowers15 .50

Ferns for Greenhouses

We make a specialty of greenhouse ferns and furnish absolutely fresh spores to insure prompt germination. The following varieties can be relied upon to come true to name: Trade Pkt.

- | | |
|---|-----------------------------|
| 985 Adiantum (<i>Maiden Hair</i>). Mixed..... \$0.30 | |
| 989 Pteris Varieties . Mixed ..... .30 | |
| 991 All Sorts Mixed ..... .30 | |
| Adiantum Cuneatum | Pteris Magnifica |
| Aspidium Tensimense | " Mayii |
| Cyrtomium Falcatum | " Serrulata Cristata |
| Lomaria Gibba | " Tremula |
| Lygodium Scandens | " Victoria |
| Pteris Adiantoides | " Wimsettii |
| " Alba Lineata | " Wilsoni |
- Each variety, per Trade Package, 30c.

Euphorbia

- 980 **Heterophylla** (*Mexican Fire Plant*). Ornamental foliage plant, red flower bracts..... Trade Pkt. Oz. \$0.15 \$0.50
- 982 **Variegata** (*Snow on the Mountain*). Variegated foliage and white flower bracts..... .10 .15

Feverfew (Matricaria)

- 995 **Double White**. Fine for cut flowers..... .10 .25

Freesia

- 1005 **New Hybrids Mixed**. A valuable novelty, flowering within 8 months from time of sowing; various colors 100 Seeds \$0.35 1,000 Seeds \$2.50

Fuchsia

- 1015 **Mixed**. Best single and double..... .30 2.25



Gaillardia—Grandiflora Superba

Gaillardia

Annual Varieties

- Useful for cutting, or for the mixed border. Trade Pkt. Oz.
- 1028 **Picta**. Single mixed \$0.10 \$0.15
- 1026 " **Lorenziana**. Double mixed10 .20

Gaillardia—Perennial Varieties

These occasionally flower the first year from seed. Gigantic attractive flowers appear during the whole season; fine for cutting or borders. Trade Pkt. Oz.

- 1021 **Sanguinea**. Blood red \$0.20 \$0.60
- 1020 **Grandiflora Compacta**. Mixed15 .40
- 1022 " **Superba**. Mixed10 .30
- 1030 **Sulphurea Oculata**. Sulphur yellow, maroon eye25 .75
- 1029 **Semi-Double**. Mixed25 1.00

Gentiana (Blue Gentian)

- 1035 **Acaulis**. Hardy perennial; blue flowers..... .15 .75

Geranium

- 1040 **Apple Scented**. Per 100 seeds, 20c.; \$1.50 per 1000 seeds.
- 1042 **Pelargonium** (*Lady Washington*). Per 100 seeds, 75c.
- 1044 **Zonale, Mixed**15 .60

*Gerbera—Jamesoni Hybrida***Gerbera** (Transvaal Daisy)

This is strictly a greenhouse perennial and will no doubt become a popular cut flower, when the grower makes a closer acquaintance. Place seeds on edge and let fuzzy part protrude.

1049 **Jamesoni Gigantea**. Immense scarlet flowers. Per 100 seeds, 75c.

1047 **Jamesoni Hybrida**. One of the best recent introductions. These hybrids produce every possible shade of colors. Per 100 seeds, 75c.

Geum

1051 **Atrosanguineum Fl. Pl.** Large, showy double dark crimson flowers, perennial. Trade Pkt. Oz. \$0.20 \$0.75

Gloxinia

Perfect flowers and shapely plants are the result of carefully saved seeds from specimens only. That is just what we are offering.

1055 **Hybrida Grandiflora, Choicest Mixed**. Trade Pkt. Oz. (½ trade pkt., 60c.) \$1.00

Godetia (Satin Flower)

1060 **Gloriosa**. Blood red .10 \$0.40
1062 **Choice Mixed** .10 .20

Golden Rod

1065 **Solidago Canadensis**. Perennial; golden yellow .10 .40

Gomphrena (Globe Amaranth)

1070 **Nana Compacta**. Dwarf red .10 .20
1072 **Mixed**. All colors .10 .15

Gourd (Ornamental)

1075 **Calabash, or Dipper**. Very useful. .10 .15
1077 **Egg-Shaped**. White .10 .15
1079 **Hercules Club**. Club-shaped; 4 feet long .10 .15
1081 **Luffa** (Dish Rag or Bonnet Gourd) .10 .15
1083 **Orange-Shaped** (Mock Orange) .10 .15
1085 **Pear-Shaped**. Striped; very showy .10 .15
1087 **Serpent**. Striped like a serpent; 5 feet long .10 .15
1089 **Sugar Trough**. Used as water holders .10 .15
1091 **Mixed**. In a great variety .10 .15

Grasses (Ornamental)**Annual Varieties**

	Trade Pkt.	Oz.
415 Avena Sterilis (Animated Oats).....	\$0.10	\$0.15
490 Briza Maxima (Quaking Grass).....	.10	.15
495 Bromus Brizaeformis.....	.10	.15
730 Coix Lachrymae (Job's Tears).....		.10
1166 Hordeum Jubatum (Squirrel Tail Grass).....	.10	.20
1640 Pennisetum Longistylum .....	.10	.25

Grasses—Perennial Varieties

155 Arundo Donax (Great Reed) .....	.15	.40
970 Eulalia Japonica .....	.10	.30
1100 Gynerium Argenteum (Pampas Grass).....	.10	.30
1642 Pennisetum Ruppelianum (Purple Fountain Grass) .....	.10	.25
2005 Stipa Pennata (Feather Grass).....	.10	.25

Grevillea (Silk Oak)

1095 **Robusta**. An ornamental foliage plant, grown extensively for vase work and very easily grown from seed. .15 .50

GYNERIUM. (See Grasses above.)

*Gypsophila Paniculata***Gypsophila** (Baby's Breath) Trade Pkt. Oz.

1103 **Elegans Alba Grandiflora**. Hardy annual variety; flowers pure white. \$0.10 \$0.20
1105 **Paniculata**. Perennial; graceful sprays of white flowers .10 .25
1106 **Paniculata Fl. Pl.** Perennial, with double white flowers. Per pkt. 15c.

Helenium

1108 **Autumnale Superbum**. Perennial; golden yellow flowers .25 1.00

HELIANTHUS. (See Sunflower.)

Helichrysum (Straw flower)

1110 **Monstrosum**. Double mixed .10 .30

Heliopsis (Orange Sunflower)

1112 **Pitcheriana**. Perennial; deep golden yellow flowers .10 .30

MEDIA, PA., Aug. 10, 1912.

Dear Sirs:—Enclosed find order and remittance. My experience with your seeds is, that almost every seed germinates; I get the finest plants and blooms from your seeds of any I have ever tried.

Very truly yours,

F. C. S.



Heliotrope, Lemoine's Giant

Heliotrope

	Trade Pkt.	Oz.
1115 Lemoine's Giant Hybrids. Immense flowers.	\$0.40	\$2.00
1117 Regal. Dwarf large flowering.	.40	2.00
1119 Choice Mixed	.20	1.00

Hibiscus (Marshmallow)

1133 New Giant. (Mallow Marvel.) Immense flowers in shades of red, pink, purple and white....	.30	.75
1130 Crimson Eye. White with crimson centre .....	.10	.40
1132 Golden Bowl. Yellow with maroon cen- tre .....	.15	.60
1134 Palustris. Pink. ....	.15	.50
1131 Moscheutos. Large pink flowers .....	.15	.50

Hollyhock

Chater's Double Selected

1149 Pink .....	.25	.65
1150 Maroon .....	.25	.65
1151 Red .....	.25	.65
1153 Salmon .....	.25	.65
1155 White .....	.25	.65
1157 Yellow .....	.25	.65
1159 Choice Mixed	.20	.60

HOLLYHOCK—Other Sorts

1160 Single Mixed	.15	.50
1148 Single Hybrid Everblooming. Flowers the first year	.20	.60
1147 Double Hybrid Everblooming. Flowers the first year	.25	.75
1146 Fringed Alle- gheny .....	.20	.60

Chater's Double Hollyhock

Heuchera (Alum Root)

1125 Sanguinea. Hardy perennial; dwarf; crimson.	\$0.30	\$1.75
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Honesty (Lunaria Biennis)

1165 Hardy biennial; admired for its silvery seed panicles	Trade Pkt	Oz.
	\$0.10	\$0.30

HORDEUM. See Grasses, page 40

Humulus (Japanese Hop)

A rapid-growing annual climber.

1170 Japonicus. Green foliage.	.10	.25
1172 Variegatus. Leaves mottled with white.	.10	.25

Hunnemannia (Giant Yellow Tulip Poppy)

Will produce flowers from July till frost; good for cutting.

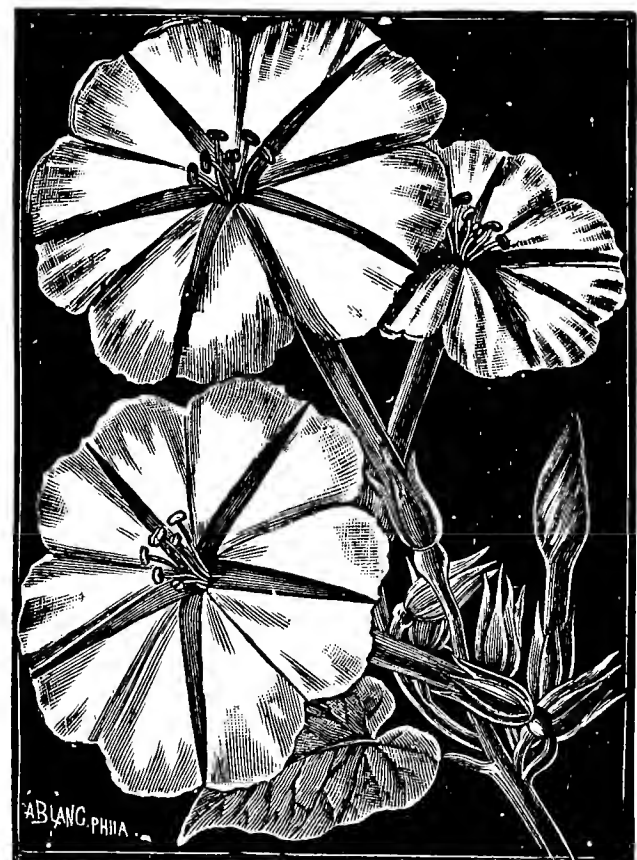
1175 Fumariaefolia10	.30
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Impatiens (Sultan's Balsam)

1177 Holsti. Salmon red.	.50
1178 Holsti New Hybrids. All colors.	.50
1180 Sultani. Bright rose.	.30
1182 Sultani Hybrida. All colors.	.30

Incarvillea (Hardy Gloxinia)

1184 Delavayi. Gloxinia-like flowers of a deep pink..	.40	1.50
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Moonflower (Ipomoea Noctiflora)

Ipomoea

	Trade Pkt.	Oz.
1189 Noctiflora (Moon Flower). Lb. \$4.50, \$1.25 1/4 lb.	\$0.15	\$0.50
1185 Grandiflora Superba. Blue, edged white.	.10	.15
1187 Heavenly Blue (Rubra Coccinea) .....	.15	.40
1191 Setosa (Brazilian Morning Glory). Pink.	.10	.30
1193 Mixed10	.15

Iris (Flowering Flag)

1194 Kaempferi (Japanese Iris). Mixed colors.	.15	.50
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Kenilworth Ivy

1195 Linaria Cymbalaria. Flowers violet.	.25	1.25
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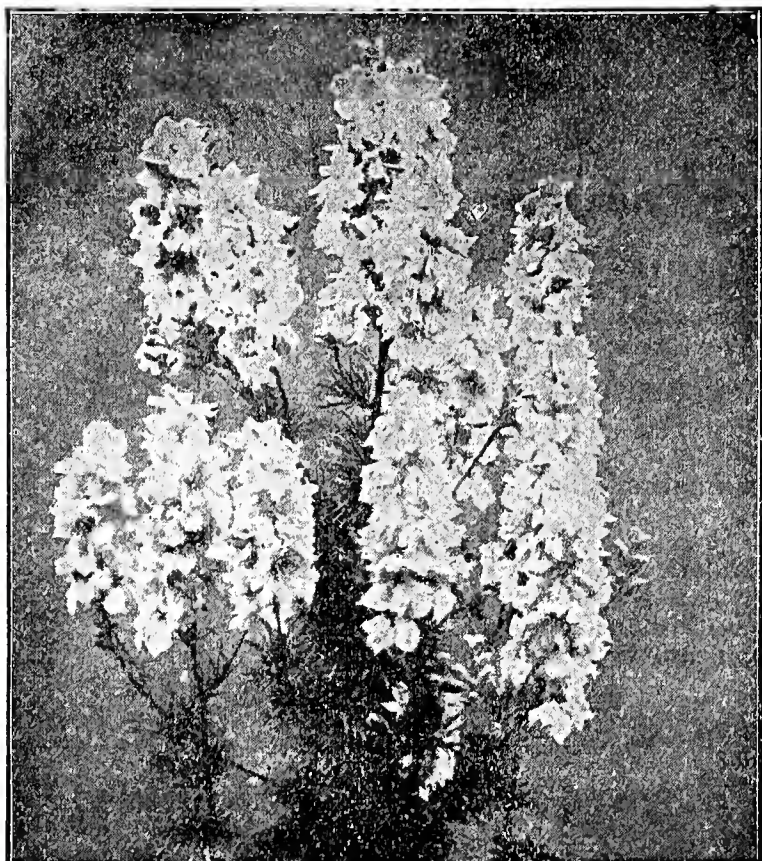
Kochia (Summer Cypress, or Mexican Fire Bush)

1198 Trichophylla. A very popular annual.	.10	.20
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Lantana

A valuable plant for bedding, pot culture or vases.

1200 Dwarf Compact Mixed.	.15	.40
1201 Choice Mixed .....	.10	.20



Larkspur, Double Tall Stock Flowered

LARKSPUR (Annual)

		Trade pkt.	Oz.
I202	Tall Stock Flowered Dark Blue	\$.10	\$0.30
I203	" " " Sky Blue	.10	.30
I206	" " " Shell Pink	.10	.30
I209	" " " White	.10	.30
I207	" " " Mixed	.10	.25
I222	Giant Hyacinth Flowered Shell Pink	.10	.25
I223	" " " White	.10	.25
I221	" " " Dark Blue	.10	.25
I224	" " " Mixed	.10	.20
I226	Queen of the Pinks. Splendid for cutting or forcing; delicate pink	.20	.60
I205	Dwarf Double Rocket. Mixed colors	.10	.15

LATHYRUS LATIFOLIUS (Perennial Pea)

I210	Crimson	.10	.30
I212	Pink Beauty. Bright pink	.10	.40
I214	White	.10	.35
I216	Choice Mixed	.10	.25

LAVATERA

I218	Splendens Rosea. A splendid annual for cutting and decorative work; pink flowers	.15	.60
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LOBELIA

No list of bedding plants is complete without Lobelia, and what we offer in this line are all gems. Seed should be sown early.

		Trade pkt.	Oz.
I239	Crystal Palace Compacta. This is the leading dwarf variety, having dark blue flowers carried erect	\$.30	\$1.25
I235	Barnard's Perpetual. Dwarf; blue with white eye, trailing	.25	1.00
I254	Sapphire (New). A beautiful trailing variety, deep blue with white eye. Per pkt. 15c.		
I241	Crystal Palace Speciosa. The best trailing sort for baskets and vases; deep blue	.15	.50
I243	Double Flowering. Deep blue; holds its flower longer than any other sort	.50	
I245	Emperor William. Dwarf, light blue	.25	1.25
I249	Gracilis. Light blue, trailing	.15	.50
I255	White Gem. Pure white; dwarf	.25	1.50
I257	Choice Mixed	.15	.50

LOBELIA—PERENNIAL VARIETIES

I237	Cardinalis (The Cardinal Flower). Stately plants with spikes of cardinal red flowers	.40	3.00
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Read Pages 23 to 28 for Valuable Novelties in Flower Seeds.

LAVENDER

Trade pkt. Oz.

I220	Lavendula Vera (True). Fragrant blue flowers	\$.10	\$0.50
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LIATRIS (Blazing Star)

I227	Pycnostachia. Perennial; deep rose flowers	.40	3.00
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LILY OF THE VALLEY

I225	Convallaria Majalis	.20	2.00
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LINUM

I230	Grandiflorum Rubrum (Scarlet Flax)	.10	.15
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LOPHOSPERMUM

I260	Scandens. For hanging baskets, vases, etc.	.30	1.50
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Lupinus—Annual

LUPINUS (Annual)

This is one of the most popular forcing annuals. Six weeks from day of germination will produce the flower; very showy and keep well after cutting. An easy seller.

		Trade pkt.	Oz.
I268	Michell's Pink Beauty. This is by far the best; color a most pleasing delicate salmon pink. This may be grown in single spikes or branching; both are good	\$.10	\$0.30
I265	Blue	.10	.20
I267	Pink	.10	.20
I269	Red	.10	.20
I271	Scarlet, White Tipped	.10	.20
I273	White	.10	.20
I275	Yellow	.10	.30
I277	Mixed	.10	.15

LUPINUS—PERENNIAL VARIETIES

Showy plants for semi-shady spots.

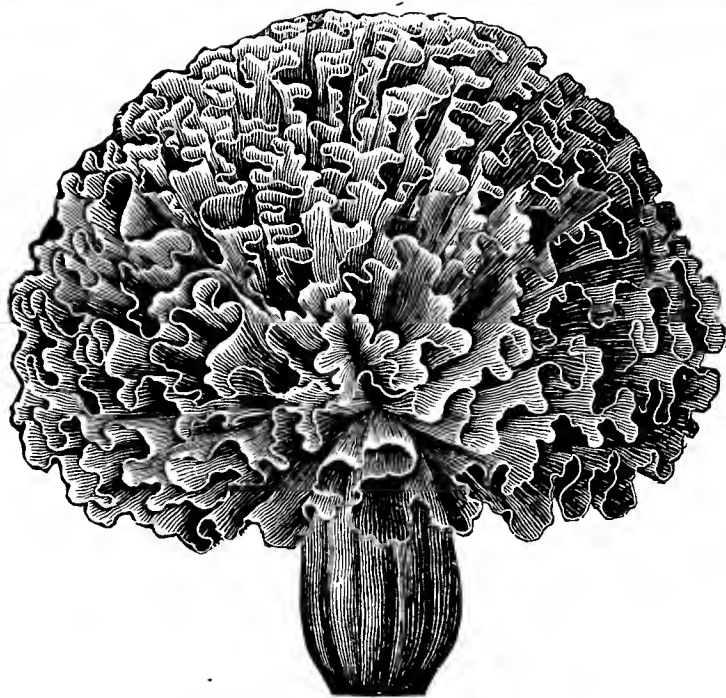
I278	Polyphyllus Roseus. Soft pink	.30	1.00
I280	" Blue	.10	.20
I281	" White	.10	.20
I279	" Mixed. All colors	.10	.15

LYCHNIS

I285	Chalcedonica. Perennial; scarlet; 2 feet	.10	.25
I286	Flos Cuculi. Bright red, fringed flowers	.25	1.50
I287	Haageana Hybrida. Mixed, 8 inches	.15	1.00

LYTHRUM

I288	Roseum Superbum. Stately spikes of pink flowers, 3 feet, August	.10	.25
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Marigold, El Dorado

MARIGOLD

DWARF FRENCH VARIETIES Trade pkt. Oz.

1290	Double Pulchra. Yellow and brown.....	\$0.10	\$0.20
1294	Gold Striped. Double .....	.10	.25
1302	Legion of Honour. (Little Brownie). Single, yellow and red.....	.10	.20
1306	Liliput (The Miniature Marigold). Mixed....	.15	.40
1292	Dwarf French Mixed .....	.10	.15

MARIGOLD—AFRICAN VARIETIES

1296	El Dorado. Tall growing sort, double orange..	.10	.25
1307	Orange Prince. Rich orange yellow, double..	.15	.40
1303	Lemon Queen. Clear lemon yellow, double..	.15	.40
1308	Pride of the Garden. Golden yellow, dwarf....	.15	.40
1300	Tall Double Mixed.....	.10	.15

MARVEL OF PERU (Four O'clocks)

1315	Mixed	(1/4 lb. 15c.)	.10
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MATRICARIA See Feverfew.

MATTHIOLA

1318	Bicornis (Evening Scented Stock). Purplish lilac10	.15
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MAURANDIA

A splendid flowering plant for vases, baskets, etc.

1320	Barclayana. Purple	\$0.20	\$1.25
1326	Choice Mixed .....	.20	1.25

MESEMBRYANTHEMUM

1330	Cordifolium Variegatum. Pink flowers.....	.25	
1331	Crystallinum (Ice Plant). White flowers.....	.10	.15
1332	Tricolor (Wax Plant). Various colors.....	.10	.30

MIMULUS

1370	Moschatus (Musk Plant). Yellow flowers....	.25	1.25
1372	" Compacta. Fine for pots.....	.40	
1374	Tigrinus (Monkey Flower). Mixed.....	.25	1.25

MINA

1380	Lobata. A rapid growing climber.....	.25	1.00
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MONARDA (Bergamot)

1382	Didyma. Perennial; large heads of deep red flowers50	
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MOON FLOWER See Ipomoea.

MORNING GLORY See Convolvulus.

MUSA

1385	Ensete (Abyssinian Banana). 40c. per 25 seeds. 100 seeds \$1.00.		
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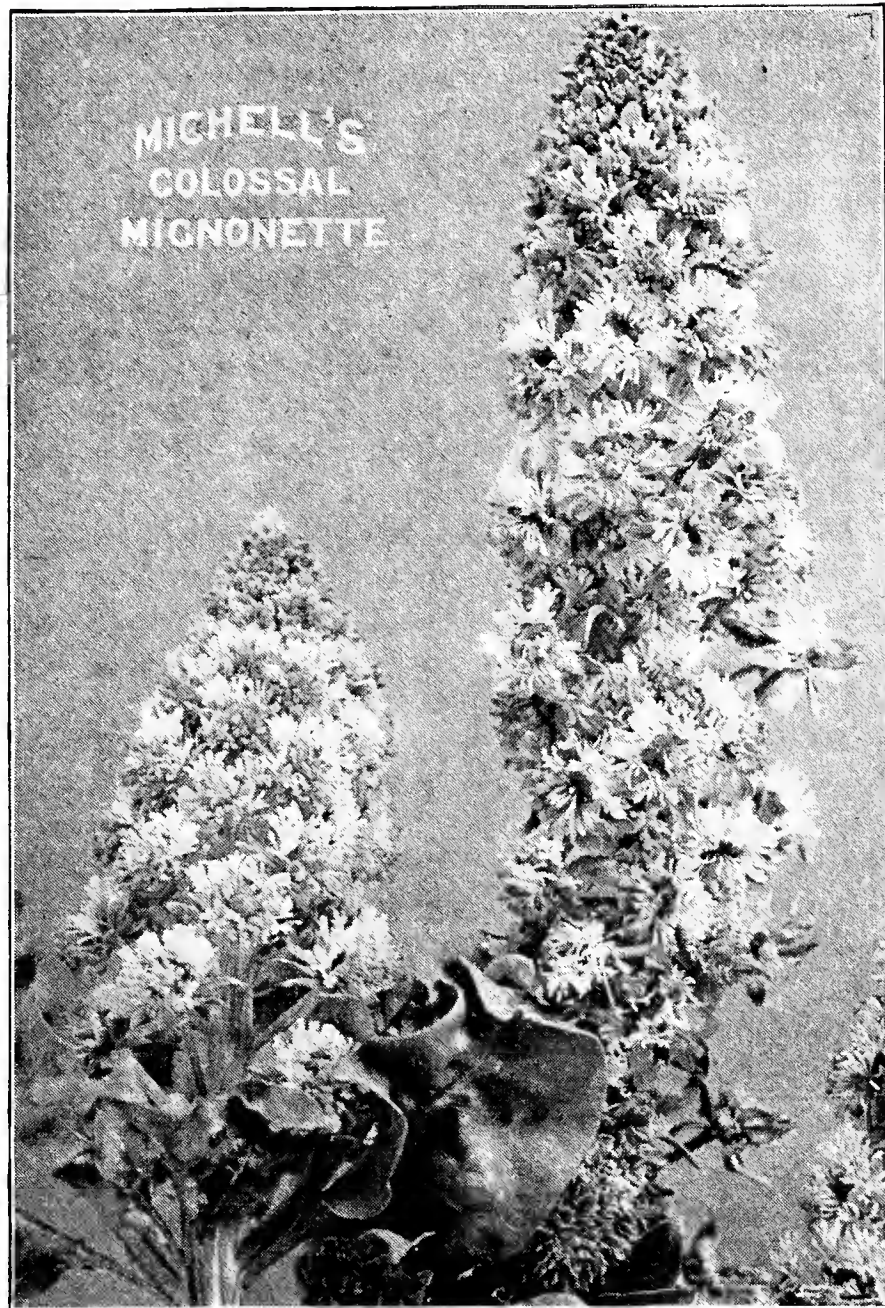
PHILADELPHIA, PA., June 26th, 1912.

Gentlemen:

We purchased 58 Varieties of Flower Seeds from you this spring, and not one variety failed with us.

Yours truly,

DALE & YOST.



MICHELL'S
COLOSSAL
MIGNONETTE

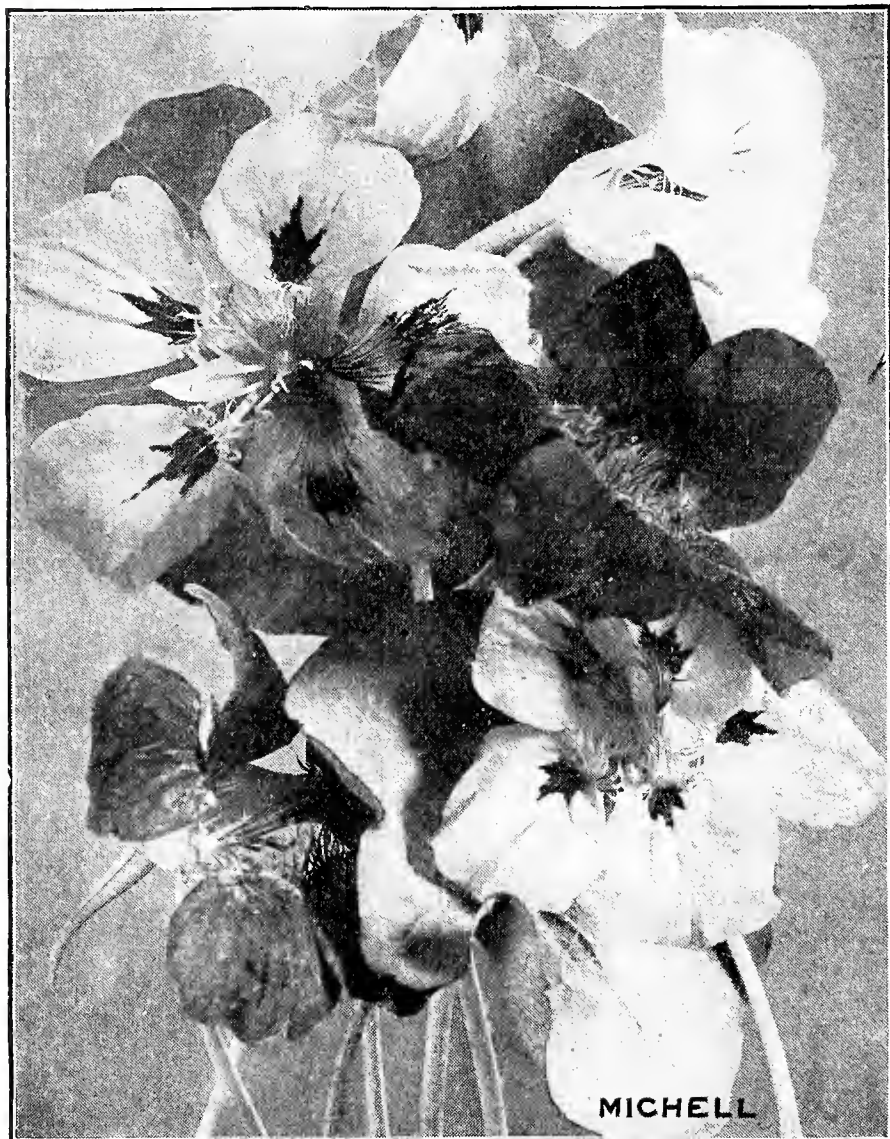
MIGNONETTE

Trade
pkt. Oz.

1356	Michell's Colossal. One of the finest sorts for forcing. Colossal spikes from 18 to 24 inches high, with massive flowers.....	.40	4.00
1354	Hoehl's Giant Flowering. Grown by a specialist; seeds saved from specimen plants....	.50	5.00
1340	Allen's Defiance. Large spikes.. (1/4 lb. \$1.25)	.15	.40
1345	Bismarck. Large compact heads.....	.25	.75
1355	Machet. Improved and selected.... (1/4 lb. 75c.)	.10	.25
1349	Golden Machet. Yellow .....	.10	.30
1352	Goliath. Giant spikes .....	.15	.50
1363	Sutton's Giant. Fine, large reddish buff. Original packets, 30.		
1357	Miles' Spiral. Good for outdoor.. (1/4 lb. 50c.)	.10	.15
1359	Parson's White. Almost white.....	.10	.20
1365	Sweet Scented. The old-fashioned (lb., 50c.)		.10

MYOSOTIS (Forget-Me-Not)

1391	Alpestris Victoria. Bright blue; the best for bedding; dwarf and compact.....	.25	1.00
1406	Ruth Fischer (New). Flowers large, and of true Forget-Me-Not blue.....	.50	
1395	Eliza Fanrobert. Blue; fine for pots.....	.15	.75
1401	Palustris. Heavy, robust plants, deep blue....	.30	2.00
1403	" Semperflorens. Everblooming, blue .....	.25	1.50
1399	Grandiflora Alba. White .....	.20	1.00
1400	" Rosea. Pink .....	.20	1.00
1405	Royal Blue. Erect growing; blue.....	.30	1.00
1407	Choice Mixed .....	.15	.50
1393	Dissitiflora (Perennial). Deep blue.....	.30	2.00



Michell's Fancy Giant Nasturtiums

NASTURTIIUMS DWARF OR TOM THUMB VARIETIES

	Oz.	1/4 lb.	lb.
1442 Michell's Fancy Giants Mixed.....	\$0.15	\$0.30	\$0.75
1440 Choice Mixed (10 lbs., \$3.50)	.10	.15	.40
1445 Liliput Mixed. Very dwarf, good for pots	.10	.20	.60
1446 Queen of Tom Thumb Mixed. Silver variegated foliage, very showy .....	.15	.40	1.25
1431 Queen of Tom Thumb Crimson .....	.15	.50	1.50
1444 Golden Foliage Mixed .....	.10	.30	1.00
1443 Ivy Leaved Mixed .....	.15	.40	1.25
1417 David Burpee Spencer. Plants compact; leaves wavy and ruffled; flowers deep scarlet .....	.25	.75	2.50
1410 Aurora. Bright orange .....	.10	.20	.50
1412 Beauty. Red and yellow .....	.10	.20	.50
1413 Bronze. Burnished bronze color .....	.10	.20	.50
1414 Chameleon. Various colors on the same plant .....	.10	.20	.60
1416 Cloth of Gold. Scarlet, yellow foliage..	.10	.20	.60
1415 Crystal Palace Gem. Sulphur yellow, spotted maroon .....	.10	.20	.50
1418 Empress of India. Deep crimson, dark foliage .....	.10	.20	.60
1420 Golden King. Golden yellow .....	.10	.20	.60
1422 Golden Queen. Yellow flowers and foliage .....	.10	.20	.60
1423 King of Tom Thumbs. Dark scarlet...	.10	.20	.60
1424 King Theodore. Dark foliage, flowers almost black .....	.10	.20	.60
1426 Lady Bird. Yellow and red .....	.10	.20	.60
1428 Pearl. White .....	.10	.20	.50
1430 Pink .....	.10	.20	.60
1429 Prince Henry. Cream, spotted and tipped red .....	.10	.20	.60
1432 Scarlet .....	.10	.20	.50
1434 Spotted. Orange, spotted crimson .....	.10	.20	.50
1436 Vesuvius. Salmon pink, dark leaved ...	.10	.20	.60
1438 Yellow .....	.10	.20	.50

NASTURTIIUMS—Continued CLIMBING OR TRAILING VARIETIES

	Oz.	1/4 lb.	lb.
1474 Michell's Fancy Giants Mixed	\$0.15	\$0.30	\$0.75
1472 Choice Mixed (10 lbs., \$3.00)	.10	.15	.35
1475 Queen of Talls, Mixed. Mottled foliage	.10	.25	.75
1471 Hybrids of Madame Gunther, Mixed. Beautiful deep blue foliage, velvety flowers .....	.10	.20	.50
1473 Ivy Leaved Mixed .....	.15	.40	1.25
1450 Chameleon. Different colors on the same plant .....	.10	.20	.50
1452 Crimson .....	.10	.20	.50
1453 Hemisphaericum. Orange salmon and scarlet .....	.10	.20	.50
1456 Jupiter. Yellow crinkled, very fine.....	.10	.20	.50
1458 King Theodore. Dark foliage, flowers almost black .....	.10	.20	.50
1460 Orange .....	.10	.20	.50
1459 Prince Henry. Cream, spotted and tipped red .....	.10	.20	.50
1461 Pearl. Creamy white .....	.10	.20	.50
1463 Pink .....	.10	.20	.50
1462 Scarlet .....	.10	.20	.50
1466 Vesuvius. Salmon pink, dark leaved....	.10	.20	.50
1470 Yellow Striped Scarlet .....	.10	.20	.50

LOBB'S CLIMBING

1480 Asa Gray. Yellowish white .....	.10	.20	.60
1482 Brilliant. Glowing scarlet .....	.10	.20	.60
1484 Giant of Battles. Yellow, with carmine	.10	.20	.60
1486 Golden Queen. Golden yellow .....	.10	.20	.60
1488 Roi des Noirs. Dark garnet red .....	.10	.20	.60
1489 Rudolph Virchow. Fine ruby rose.....	.10	.20	.60
1490 Spitfire. Brilliant scarlet .....	.10	.20	.60
1492 Choice Mixed. Lobb's varieties .....	.10	.15	.50

NEMOPHILA (Love Grove)

	Trade Pkt.	Oz.
1500 Mixed. Free flowering annual	\$0.10	\$0.15

NICOTIANA (Ornamental Tobacco)

1505 Affinis. Large white fragrant flowers.....	.10	.20
1506 " Hybrida. All colors .....	.15	.40
1508 Sanderae. Flowers carmine red .....	.15	.50
1509 Sylvestris. Pure white, fragrant10	.25

NIEREMBERGIA

1513 Frutescens. White, tinted with lilac.....	.15	.40
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NIGELLA (Love in a Mist)

1515 Damascena. Double mixed10	.15
1517 Miss Jekyll. Beautiful clear blue10	.30

OENOTHERA (Evening Primrose)

1523 America (New). Flowers extra large; snow white when opening in the evening, changing in the morning to a delicate pink .....	.40	
1525 Mixed. Annual varieties10	.15

PAEONY

1534 Mixed. Double and semi-double25	1.00
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Dwarf or Tom Thumb Nasturtiums



Pansy—Michell's Giant Exhibition

PANSIES

Note—Please do not compare our Giant Prize Pansies with the ordinary Giant Trimardeau; the seed we offer will produce flowers of much heavier texture.

GIANT SORTS IN SEPARATE COLORS

		Trade pkt.	Oz.
1535	Giant Prize Azure Blue	\$0.40	\$1.75
1537	" " Black Blue	.40	1.75
1539	" " Emperor William. Blue	.40	1.75
1541	" " Hortensia Red	.40	2.50
1543	" " King of the Blacks	.40	1.75
1545	" " Lord Beaconsfield. Purple violet	.40	1.75
1549	" " Peacock. Blue, claret and white..	.40	2.50
1551	" " Snow Queen. Pure white	.40	1.75
1553	" " Striped and Mottled	.40	1.75
1557	" " White with Eye	.40	1.75
1559	" " Pure Yellow	.40	1.75
1561	" " Yellow with Eye	.40	1.75

PANSIES—Continued

REGULAR SORTS IN SEPARATE COLORS

	Trade pkt.	Oz.
1565	Belgian Striped	\$0.25 \$1.00
1567	Emperor William. Ultramarine blue	.25 1.00
1569	Faust, or King of the Blacks	.25 1.00
1571	Gold Margined. Purple, golden edge	.25 1.00
1573	Havana Brown	.25 1.00
1575	Lord Beaconsfield. Purple violet	.25 1.00
1577	Mahogany Colored	.25 1.00
1579	Silver Edged. Purple, silver edge	.25 1.00
1581	Snow Queen. Pure white	.25 1.00
1583	White with Eye	.25 1.00
1585	Yellow Gem. Pure yellow	.25 1.00
1587	Yellow with Eye	.25 1.00

PANSIES IN MIXTURE

1595 **Michell's Giant Exhibition Mixed.** A giant strain which we have secured from the leading Pansy specialists in Germany, England and France. For size of bloom, heavy texture and varied shades and colors, with their distinct markings, this strain cannot be excelled. 30c. per ½ trade pkt., trade pkt. 50c., 75c. per ¼ oz., per oz. \$5.00.

1608 **Triumph of the Giants Mixed.** A very robust grower, producing on long stems flowers of immense size and of unusual substance; the petals being very broad and overlapping each other make the flowers appear almost double; many beautiful, rich and rare shades. 60c. per ½ trade pkt., trade pkt. \$1.00, \$1.75 per ¼ oz., per oz., \$6.00.

	Trade Pkt.	Oz.
1597	Bugnot, Odier and Cassier. Superb mixture..	\$0.50 \$4.00
1599	Giant Trimardeau. Very large flowering.....	.30 1.25
1600	Mad. Perret. Blooms very early; fragrant; especially rich in red shades.	.50 2.50
1601	Masterpiece (Fried Pansy). Flowers beautifully curled or waved.....	.50 4.00
1605	Odier or Blotched. A beautiful strain.....	.50 3.00
1607	Parisian Large Stained. Large flowering.....	.40 2.00
1609	Finest English Mixed. Large flowering.....	.25 .75
1611	Very Fine Mixed	.15 .50

PASSIFLORA (Passion Flower)

1630	Mixed	.20	1.00
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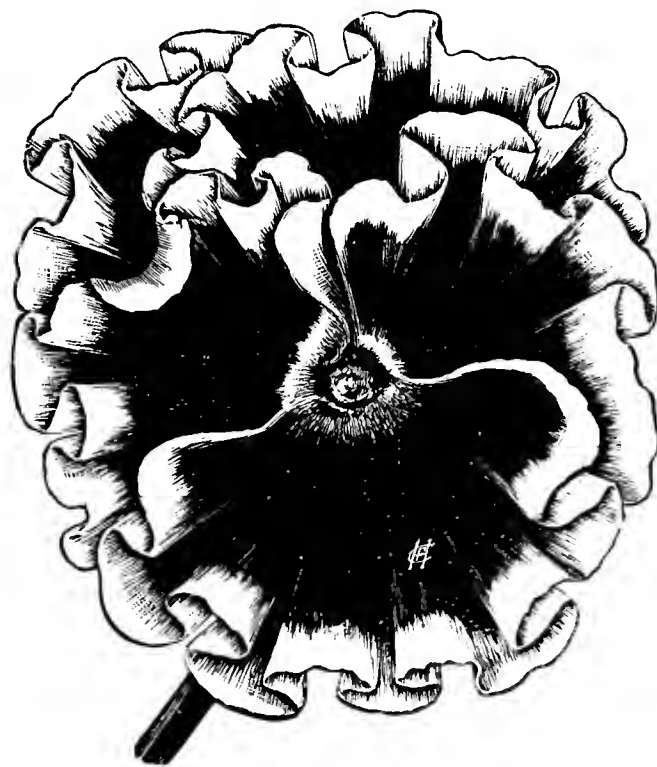
PENNISETUM (See Grasses, page 40)

PENTSTEMON

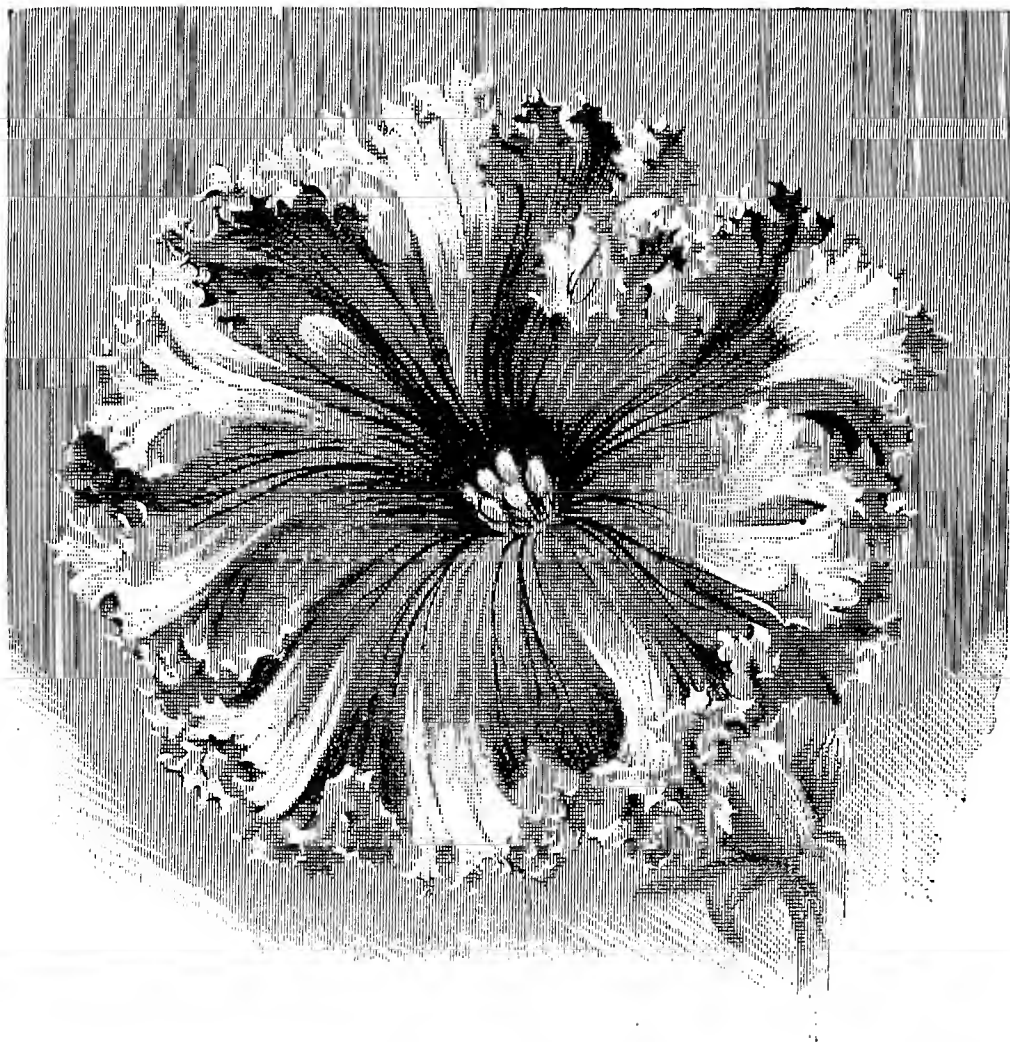
1644	Sensation. Annual variety; mixed colors.....	.30	1.75
1645	Mixed. Hardy perennial	.10	.20
1643	Barbatus Torreyi. Perennial, scarlet	.10	.25
1646	Digitalis. Perennial, white	.10	.25

PERILLA

1650	Nankinensis. Dark purple foliage plant.....	.10	.15
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Pansy "Masterpiece"

*Petunia—Grandiflora Fringed***PETUNIA**

We call attention to our Large Flowering strains of Petunias, which, for size and brilliancy of coloring, cannot be surpassed.

Single Flowering

	$\frac{1}{2}$ Trade Pkt.	Trade Pkt.	Oz.
1657 California Giants. Strong, robust plants immense flowers of bright and desirable colors (1/16 oz., \$2.25).....	\$0.30	\$0.50	
1665 Grandiflora Fringed. Each petal of these giant flowers is delicately fringed; all colors (1/16 oz., \$2.00).....	.30	.50	
1666 Monstrosus (Michell's). Large flowering; a large number of the flowers are finely fringed; all colors mixed.....	.60	1.00	
1669 Ruffled Giants. Enormous flowers finely ruffled and frilled at edges.....	.30	.50	
1664 Dwarf Large Flowering Fringed (New). Large flowers of many colors. Per pkt. 25c.			
1667 Hender's English Strain. Orig. pkt. 40c.			
1663 Dwarf Inimitable. Of dwarf, compact habit; striped and blotched .....	.30	.50	\$1.25
1668 Rosy Morn. Brilliant pink with white throat .....	.30	.50	1.75
1662 Enchantress. Dwarf, flowers of many shades and colors .....	.30	.50	2.00
1671 Snowball. Dwarf, pure white.....	.30	1.25	
1673 Star. A beautiful variety; crimson maroon flowers, each having a distinct five-pointed white star .....	.30	.50	1.50
1655 Adonis. Deep pink, white throat.....	.30	1.00	
1672 Pepita. Fringed flowers of a rich deep scarlet, with a white border.....	.30	.50	
1674 Undine (New). Azure blue with lilac margin. Per pkt. 20c.			
1675 Choice Mixed .....	.25	.75	
1677 Fine Mixed .....	.15	.50	

PETUNIA—Double Flowering

One of our specialties; seeds will produce a large percentage of double flowers. The weaker seedlings should receive great care, as they produce the finest double flowers.

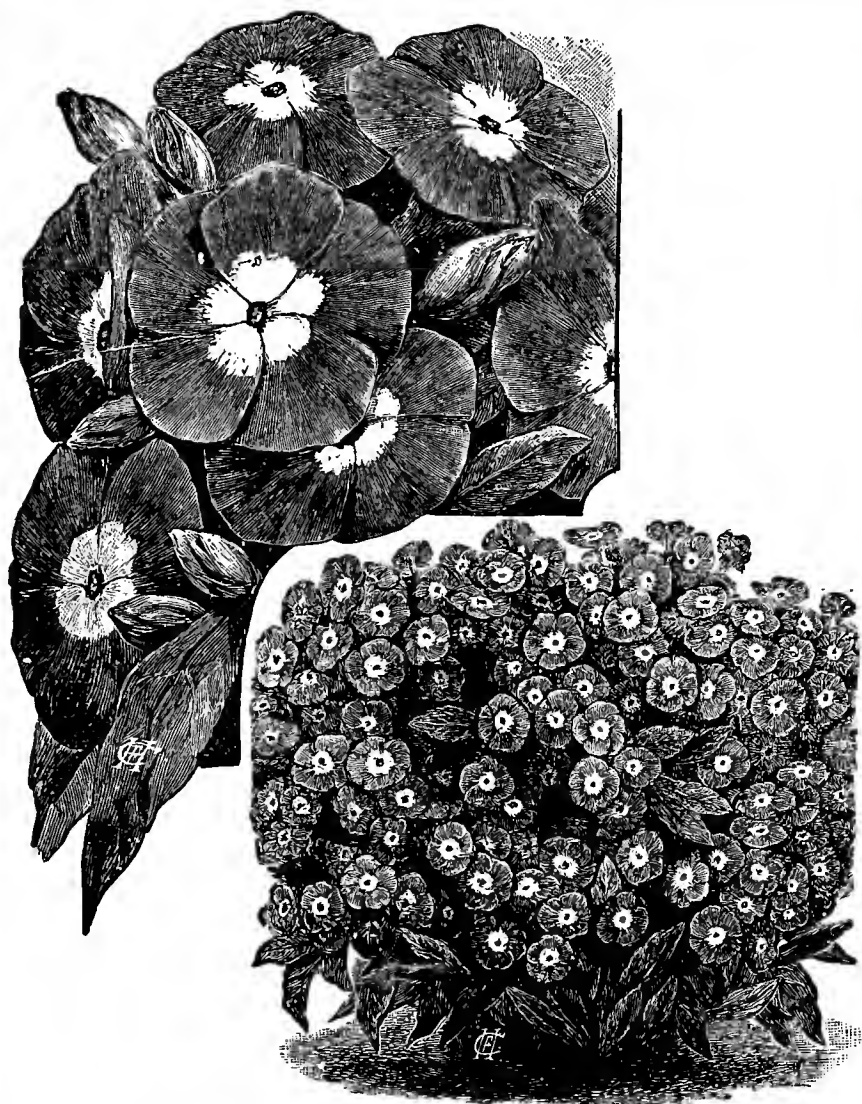
1661 **Double Hybridized and Fringed Mixed.** Superb colors and of mammoth size. Per 500 seeds, 75c.; \$1.50 per 1000 seeds.

1659 **Double Fringed White.** Extra large. Per $\frac{1}{2}$ trade pkt., 60c.; \$1.00 per trade pkt.

*Physostegia***PHYSOSTEGIA**

	Trade Pkt.	Oz.
Perennial, bearing delicate tubular flowers.		
1732 Virginica. Pink	\$0.15	\$0.50
1733 " Alba. White.....	.25	1.00

*Double Fringed Petunia*



Phlox Drummondii, Dwarf "Cecily" Strain

PHLOX DRUMMONDII
DWARF OR COMPACT VARIETIES

	½ Trade Pkt.	Trade Pkt.	Oz.
1688 "Cecily." Large flowering mixed.....	\$0.30	\$0.50	\$1.75
1690 Crimson with White Eye .....	.25	.40	2.00
1692 Deep Scarlet .....	.25	.40	2.00
1693 Fair Maid. Soft pink .....	.25	.40	2.00
1694 Fireball. Brilliant scarlet .....	.25	.40	1.75
1696 Pink .....	.25	.40	1.75
1700 Snowball. Pure white .....	.25	.40	1.75
1702 Violet with White Eye .....	.25	.40	2.00
1704 Choicest Mixed .....	.25	.40	1.25

	Trade pkt.	Oz.
1710 Alba. Pure white	\$0.25	\$0.75
1712 Coccinea. Scarlet .....	.25	.75
1714 Pink .....	.25	.75
1716 Stellata Splendens. Scarlet, with white eye...	.25	.75
1720 Choicest Mixed .....	.20	.50

PHLOX—VARIOUS SORTS

1722 Fine Mixed .....	.15	.40
1723 Double Mixed .....	.25	1.25
1729 Star of Quedlinburg. Mixed .....	.20	.75
1725 Hardy (Decussata). Choice mixed .....	.25	1.25

PLATYCODON (Chinese Bell Flower)

1735 Grandiflorum, Blue. Perennial .....	.10	.60
1736 " White. Perennial .....	.10	.60
1737 Japonicus Fl. Pl. Double blue .....	.30	1.75

POLYANTHUS (Primula Elatior)

1738 Gold Laced. Very showy .....	.40	2.25
1740 Double Mixed .....	.50	
1741 English. Single mixed .....	.25	1.50



Oriental Poppies

POPPY
DOUBLE ANNUAL VARIETIES

	Trade pkt.	Oz.
1743 Carnation Flowered. Mixed (¼ lb. 25c.).....	\$0.10	.15
1745 Crimson King. Crimson .....	.10	.15
1747 Fairy Blush. White, fringed pink .....	.10	.15
1751 Mikado (Striped Japanese) .....	.10	.15
1753 Paeony Flowered, White .....	.10	.15
1755 " " Yellow .....	.10	.15
1752 " " Scarlet .....	.10	.15
1757 " " Mixed (¼ lb. 25c.) .....	.10	.15
1759 Shirley. Mixed colors .....	.10	.15

POPPY—SINGLE ANNUAL VARIETIES

1773 Shirley. Large flowers of many beautiful colors and shades (¼ lb. 50c.).....	.10	.20
1764 Admiral (New). Pure white with scarlet edge .....	.10	.30
1767 King Edward. Deep scarlet .....	.30	1.00
1765 Danebrog. Scarlet with white spot .....	.10	.15
1769 Maid of the Mist. White, fringed.....	.10	.20
1771 Miss Sherwood. Chamois rose .....	.10	.25
1775 Tulip. Glowing scarlet .....	.10	.40
1777 Umbrosum. Rich vermilion .....	.10	.15

POPPY—PERENNIAL VARIETIES

1782 Giant Scarlet .....	.10	.25
1784 Iceland, Single Mixed .....	.15	.50
1783 " White .....	.15	.60
1785 " Yellow .....	.15	.60
1786 " Double Mixed .....	.25	1.00
1787 Orientale. Deep scarlet .....	.20	.50
1791 " Mrs. Perry. Rich salmon pink....	.30	1.50
1789 " Parkmanni. Deep crimson .....	.30	1.50
1792 " Psyche. Delicate rosy blush .....	.30	2.00
1793 " Trilby. Brilliant red .....	.30	2.00
1788 " Hybrids. Mixed colors .....	.25	1.00

PORTULACA

1795 Double. Large flowering, mixed .....	.40	1.25
1797 Single. Large flowering, mixed (¼ lb. 60c.)...	.10	.20



Michell's Prize Chinese Primula

MICHELL'S "DISTINCTIVE" PRIMROSES PRIMULA CHINENSIS

It is with no little amount of pride we offer this superb strain, grown for us exclusively by one of the best specialists in Europe. The plants are compact, individual and clusters of flowers immense, colors superb and mostly fringed petals. If you grow Primulas remember Michell's "Distinctive" Quality is the best.

	$\frac{1}{2}$ Oz.	$\frac{1}{2}$ Trade pkt.	Trade pkt.
1819 Michell's Prize Mixture. An even blending of all colors...	\$2.00	\$0.60	\$1.00
1805 Alba Magnifica. White.....	2.50	.60	1.00
1806 Chiswick Red. Bright red....	2.50	.60	1.00
1808 Duchess. Large, white with zone of rosy carmine; yellow eye	2.50	.60	1.00
1807 Holborn Blue	2.50	.60	1.00
1809 Kermesina Splendens. Crimson	2.50	.60	1.00
1811 Rosy Morn. Pink	2.50	.60	1.00
1813 Sutton's Stellata (Star Primrose). Distinct strain of pyramidal growth and loose branches of flowers. Original pkts., 60c.			
1815 Fern Leaved Mixed.....	1.50	.60	1.00

PRIMULA OBCONICA GIGANTEA

A great improvement over the old type; flowers much larger and produced in greater abundance. These are splendid pot plants and stay in bloom the entire winter.

	Trade pkt.
1831 Lilacina. Pale lilac	\$0.50
1826 Rosea. Pink .....	.50
1827 Kermesina. Deep crimson .....	.50
1835 Alba. White .....	.50
1829 Hybrida Mixed .....	.50

PRIMULA OBCONICA GRANDIFLORA

1828 Grandiflora Compacta. Dwarf compact growing plants; flowers rosy lilac. Trade pkt. 50c.

1830 Grandiflora Fimbriata. Fringed flowers; mixed colors. Trade pkt. 50c.

1837 Vesuvius. (New). Deep crimson. Trade pkt. 50c.

1833 Crispa (New). Large flowers, which are crisped or curled; color, from apple blossom pink to rose. Per pkt. 20c., 55c. per 3 pkts.

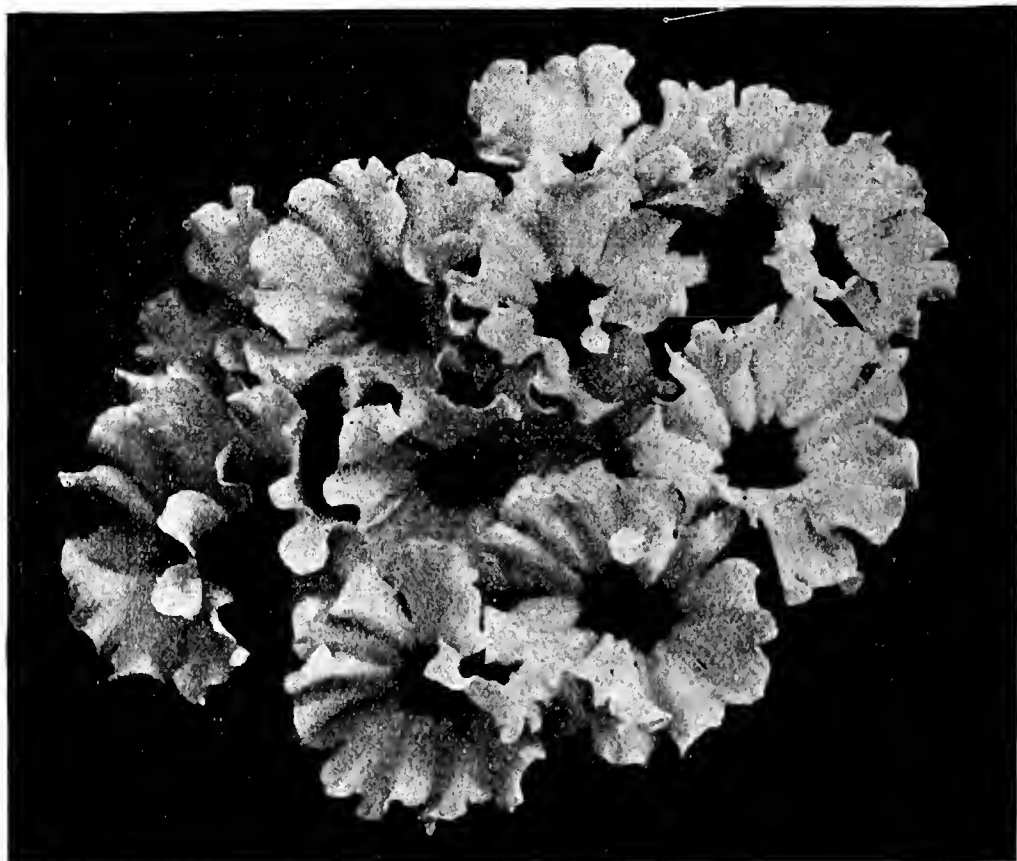


Primula Malacoides

PRIMULA, VARIOUS SORTS

Trade pkt.

1842 Malacoides (New). Resembles Primula Forbesi, but the flowers are much larger; color, light lilac.....	\$0.50
1843 Malacoides Alba. Pure white..... (Pkt., 20c.)	
1845 Kewensis (Verbena Scented Yellow Primrose). Of strong, vigorous growth; numerous spikes, 12 to 18 inches long; large yellow flowers... (1/16 oz., \$1.50)	.50
1839 Buttercup. Yellow	(1/32 oz., \$1.00) .50
1840 Cortusoides Sieboldii .....	.50
1844 Forbesi (Baby Primrose).....	(1/8 oz., \$1.00) .50
1846 Veris (Cowslip). Mixed.....	(Oz., 75c.) .15
1848 Vulgaris (English Yellow Primrose).....	(Oz., \$1.25) .30

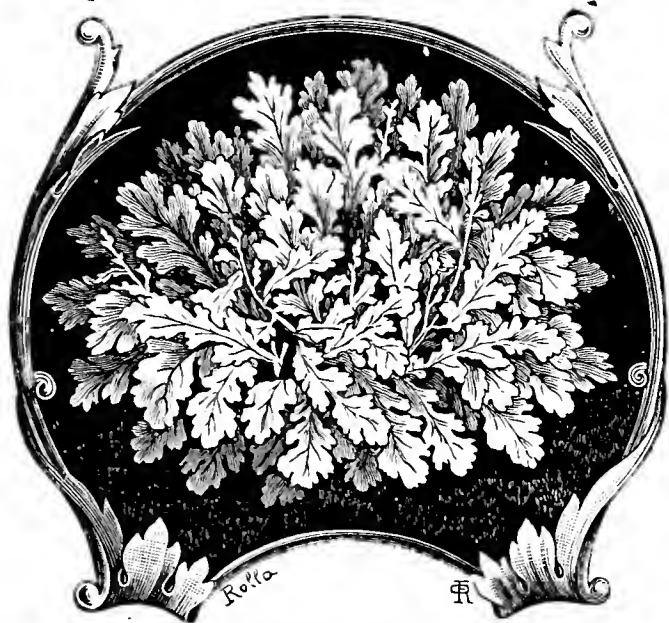


Primula Obconica Grandiflora-Crispa



PUERARIA (Kudzu Vine) Trade Pkt. Oz.

- 1855 *Thunbergiana*. Perennial climber; rosy purple
pea-shaped flowers\$0.20 \$0.60



Pyrethrum "Aureum"

PYRETHRUM Trade Pkt. Oz.

FOLIAGE SORTS FOR BEDDING

- 1860 *Aureum* (*Golden Feather*). Yellow foliage....\$0.10 \$0.25
1864 *Selaginoides*. Yellow fern-like foliage15 .50

PYRETHRUM—FLOWERING SORTS (Perennial)

- | | Trade Pkt. | Oz. |
|---|------------|------|
| 1862 <i>Roseum</i> . Pink | .20 | 1.50 |
| 1866 <i>Uliginosum</i> (<i>Giant White Daisy</i>) | .25 | 1.25 |
| 1868 <i>Hybridum</i> . Single mixed | .15 | 1.50 |
| 1869 " Double mixed ($\frac{1}{8}$ oz., \$1.50) | .50 | |

RHODANTHE (Everlasting Flower)

- 1875 *Mixed*. Hardy annual15 .50



Ricinus Cambodgensis (*Castor Oil Bean*)

RICINUS (Castor Oil Bean)

There is always a good demand for these plants.

- | | Oz. | $\frac{1}{4}$ lb. | Lb. |
|--|--------|-------------------|-----|
| 1885 <i>Michell's Giant</i> . A new hybrid of gigantic size; stems and stalks covered with a blue bloom; leaves dark brown | \$0.25 | \$0.75 | |
| 1880 <i>Borboniensis</i> . Green foliage; 15 feet... .10 | .20 | \$0.60 | |
| 1882 <i>Cambodgensis</i> . Bronzy maroon; 5 feet .10 | .25 | .75 | |
| 1884 <i>Gibsoni</i> . Dark red; 5 feet | .10 | .25 | .75 |
| 1886 <i>Philippiensis</i> . Dark foliage; 10 feet... .10 | .25 | .75 | |
| 1888 <i>Sanguineus</i> . Blood-red stalks; 8 feet... .10 | .20 | .50 | |
| 1890 <i>Zanzibariensis</i> . Large; various colors; 12 feet | .10 | .20 | .50 |
| 1891 <i>Mixed</i> . All sorts | .10 | .15 | .40 |

RUDBECKIA (Cone Flower) Trade Pkt. Oz.

- 1900 *Bicolor Superba*. Yellow flowers, brown centre..\$0.10 \$0.30
1902 *Newmani*. Hardy perennial, yellow30 1.00
1904 *Purpurea* (*Giant Purple Cone Flower*). Hardy perennial; reddish purple flowers15 .75

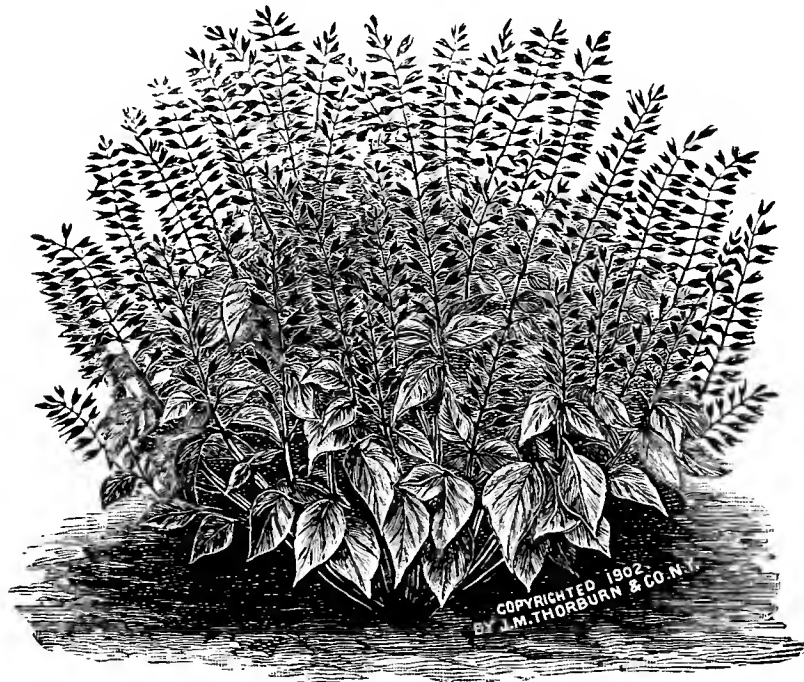
SAINTPAULIA (African Violet)

- 1910 *Ionantha*. Similar to violets in color and form.
Per pkt. 20c.

SALPIGLOSSIS

Very showy annuals; excellent for cutting.

- | | | |
|---|-----|------|
| 1912 <i>Grandiflora</i> , Black, Yellow Veined..... | .25 | 1.25 |
| 1914 " <i>Carminé</i> | .25 | 1.25 |
| 1916 " <i>Crimson</i> | .25 | 1.25 |
| 1918 " <i>Pink</i> | .25 | 1.25 |
| 1920 " <i>Choice Mixed</i> | .20 | .75 |
| 1922 " <i>Emperor</i> . Choice mixed | .30 | 1.00 |



Salvia-Bonfire

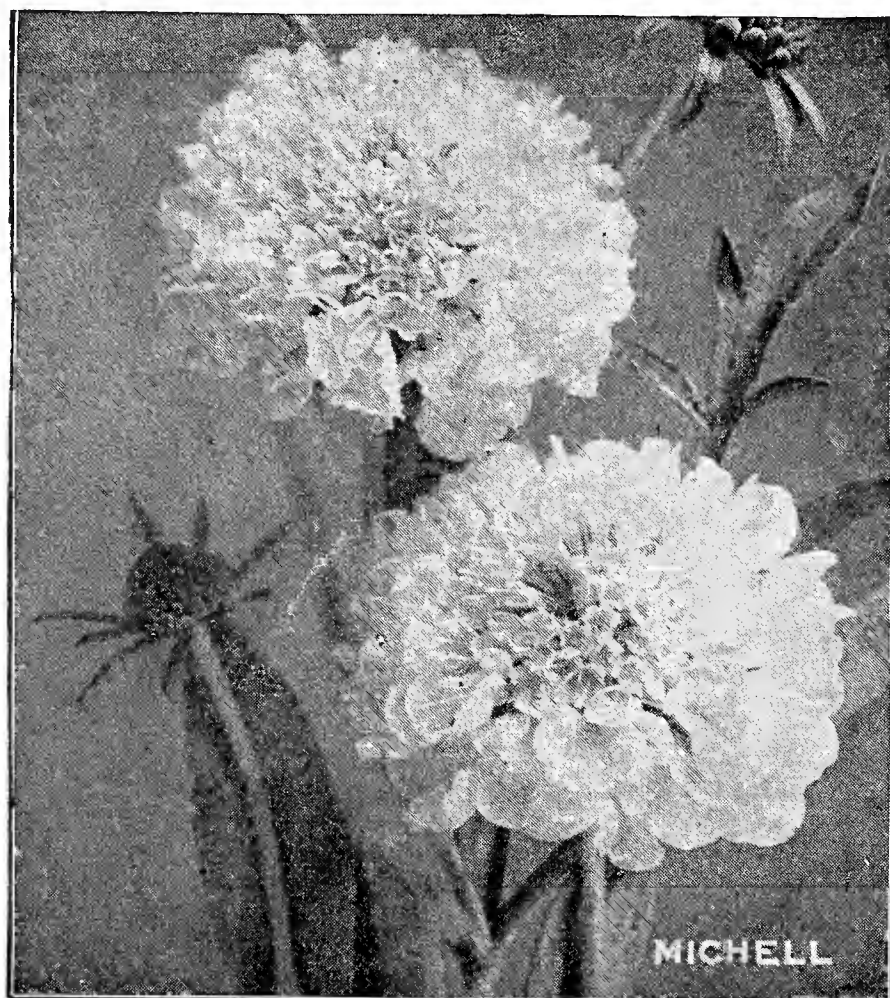
SALVIA (Flowering Sage)

Much of the *Salvia* we offer this year has been saved from specimen plants grown at our own grounds at Torresdale, Pa., under our own supervision. Seeds are plump, strong in germination and must give superior satisfaction. $\frac{1}{2}$ Trade Trade

- | | Pkt. | Pkt. | Oz. |
|--|--------|--------|--------|
| 1941 <i>Michell's Scarlet Glow</i> (<i>New</i>). An improvement on the Zurich; plants dwarf and compact; early flowering, with a mass of brilliant scarlet flowers | \$0.30 | \$0.50 | \$3.50 |
| 1930 <i>Bonfire</i> . Medium dwarf, scarlet. This is one of the best varieties | .25 | .40 | 2.00 |
| 1928 <i>Ball of Fire</i> . Intensely scarlet, medium dwarf | .30 | .50 | 2.50 |
| 1946 <i>Zurich</i> . Quite dwarf, intense scarlet flowers, much earlier than other sorts.. | .30 | .50 | 4.00 |
| 1944 <i>Splendens</i> . The popular sort, scarlet... | .25 | 1.00 | |
| 1937 <i>King of Carpets</i> . Plants are only 18 inches high and produces flowers right from bottom; color bright scarlet.... | .30 | .50 | 2.50 |
| 1931 <i>Compacta Alba</i> (<i>New</i>). Dwarf; flowers pure white. Per pkt. 25c. | | | |
| 1940 <i>Patens</i> . Blue | .30 | .50 | 3.50 |
| 1927 <i>Azurea Grandiflora</i> . Perennial, sky blue | .25 | 2.00 | |

SANVITALIA

- 1947 *Procumbens Fl. Pl.* Dwarf annual for edgings, vases or baskets; double yellow flowers15 .50

*Scabiosa, Grandiflora***Scabiosa (Mourning Bride)**

		Trade Pkt.	Oz.
1951	Grandiflora or Tall, Azure Fairy. Light blue..	\$0.15	\$0.75
1953	" " " Fiery Scarlet .....	.15	.50
1954	" " " Flesh Pink .....	.15	.50
1955	" " " King of the Blacks. Deep purple .....	.15	.50
1957	" " " Pompadour. Deep maroon .....	.15	.50
1959	" " " Sulphur Yellow .....	.15	.50
1961	" " " White .....	.15	.50
1964	" " " Choice Mixed .....	.10	.35
1962	Dwarf Double Mixed .....	.10	.20
1966	Othello. Dark purple .....	.15	.50
1950	Caucasica. Perennial; lilac .....	.30	1.50
1948	" Alba. White .....	.40	
1965	Japonica. Perennial; lavender blue .....	.30	1.25

Schizanthus (Butterfly Flower)

1968	Grahami Niveus. Pure white.....	.40	1.00
1970	Hybridus Grandiflorus. Dwarf, mixed.....	.30	1.00
1971	Wisetonensis. Various colors .....	.50	
1973	" Albus "Bridal Veil" (New). Large, snowy white flowers. Per pkt. 25c.		
1972	Mixed. All colors10	.15

Sensitive Plant (Mimosa)

1975	Pudica. Flowers pinkish white.....	.10	.25
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SHASTA DAISY (See Chrysanthemum)**Shamrock**

1978	True Irish25	.75
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Silene

1980	Bonetti Dwarf Pink. Flowers bright pink.....	.10	.40
1982	Dwarf Golden Leaved. Pink flowers.....	.10	.40
1984	Double Dwarf White .....	.10	.30

Smilax (Myrsiphyllum Asparagoides)

1985	A desirable greenhouse climber of great value for floral decorations. Trade pkt. 10c., 30c. oz., 1/4 lb. \$1.00, \$3.00 lb.		
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SNAPDRAGON (See Antirrhinum)**Solanum**

		Trade Pkt.	Oz.
1990	Capsicastrum (Jerusalem Cherry). Scarlet berries	\$0.10	\$0.25
1991	Fra Diavolo. Of dwarf, compact growth; leaves and fruit smaller than above.....	.25	1.00

Statice (Everlasting Flower)

1993	Latifolia. Perennial variety; large, deep blue flowers .....	.20	.75
1995	Suworowi. Annual variety; flowers pink.....	.15	.50

STIPA (See Grasses, page 40)**Stevia**

2000	Serrata. Fragrant white flowers.....	.15	.75
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Stokesia (Cornflower Aster)

2055	Cyanea. A hardy perennial; each plant bearing 20 to 30 lavender-blue flowers.....	.20	.75
2057	Cyanea Alba. Pure white.....	.25	1.25

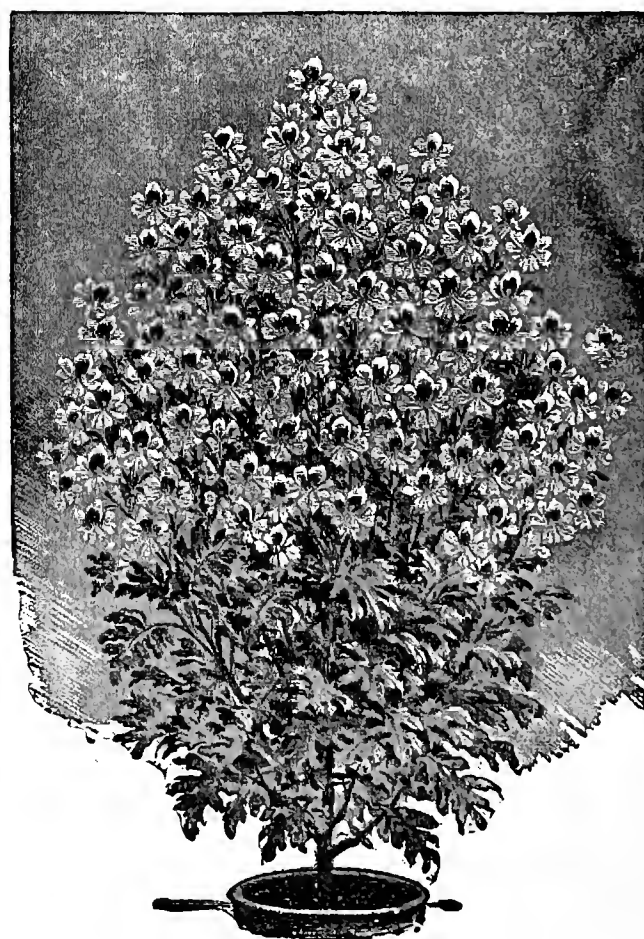
Sunflower (Helianthus)**Annual Varieties**

2070	Cucumerifolius. Single yellow .....	.10	.15
2071	" Purpureus (New). Large flowers in a series of shades from pink to purple. Per pkt. 15c.		
2072	Cut-and-Come-Again. Single yellow .....	.10	.30
2074	Double Globe. Rich yellow.....	.10	.15
2076	Dwarf Double. Deep yellow.....	.10	.15
2068	Chrysanthemum Flowered. Immense double yellow flowers. ....	.10	.15
2080	Oscar Wilde. Yellow, with black centre.....	.10	.15
2082	Perkeo. Dwarf yellow, black centre.....	.10	.30
2084	Polar Star. White, with black centre.....	.15	.60
2087	Starlight. Cactus flowered; yellow. Pkt. 15c.		
2088	Stella. Single yellow, black centre.....	.10	.20
2086	Russian. Large yellow, single .....		.05

Sunflower—Perennial Varieties

2078	Golden Bouquet. Perennial; yellow.....	.20	1.00
2079	Choice Mixed. Single flowering.....	.30	1.25

Read carefully pages 23 to 28 for valuable Novelties in Flower Seed.

*Schizanthus—Wisetonensis*



MICHELL'S "DISTINCTIVE" STOCKS

For Easter and Decoration Day, Stocks are invaluable and are the most profitable flowers to raise, provided you sow the right strains. For years we have made a specialty of supplying "distinctive" strains and have built up a reputation bar none. Our stocks are easily distinguished by their *superior quality, strong germination, and a remarkably small percentage of single flowers.* For *Decoration Day*, sow January 1st to February 20th.

MICHELL'S FLOWER MARKET STOCK

A branching stock of remarkable vigor of growth and size of bloom; produces its flowers evenly distributed over the stem and very early. A single plant can readily produce from 10 to 15 separate flower branches equally perfect. The type is of *Cut-and-Come-Again*, but much superior to what is usually known by that name. Our assortment of colors should satisfy the most critical grower.

satisfy the most critical grower.							
	½ Trade Pkt.	Trade Pkt.	Oz.		½ Trade Pkt.	Trade Pkt.	Oz.
2053 Pure White	.....\$0.30	\$0.50	\$3.00	2049 Dark Blue	.....\$0.30	\$0.50	\$3.00
2051 Flesh Pink	..... .30	.50	3.00	2048 Blood Red	..... .30	.50	3.00
2052 Rose Pink	..... .30	.50	3.00	2054 Mixed Colors	..... .30	.50	2.50
2050 Light Blue	..... .30	.50	3.00				

MICHELL'S "DISTINCTIVE" COLUMN STOCK

Produces plants composed of one gigantic spike dressed with immense perfect double flowers. Plants can be set as close as 6 inches, allowing double the quantity of plants to a bench.

MICHELL'S EARLY FLOWERING "NICE" STOCK

A branching stock of a different habit, less robust in growth but branches are literally covered with blooms which appear *earlier than in any other strain.* The colors are very distinct, so much so that they are not reproduced in any other strain. The seed we offer comes *direct from the originator*, a thing of which we pride ourselves.

	½ Trade Pkt.	Trade Pkt.	Oz.		½ Trade Pkt.	Trade Pkt.	Oz.
2035 Beauty of Nice. Charming delicate pink, the most popular of all....	\$0.30	\$0.50	\$2.00				
2038 Queen Alexandra. Delicate lavender.....	.30	.50	2.50				
2036 Crimson King. Deep red.....	.30	.50	2.50				
2034 Victoria. Pure white.....	.30	.50	2.00				
2041 Mme. Rivoire (New). Large double, pure white flowers.....	.30	.50	3.00				
2029 Abundance. Dwarf, spreading habit; color carmine-rose.....	.30	.50	3.00				
2040 La Brillante (New). Double, large flowers; rich brilliant crimson	.30	.50	3.00				
2042 Midsummer Night (New). Deep, dark violet; large and double....	.30	.50	3.00				

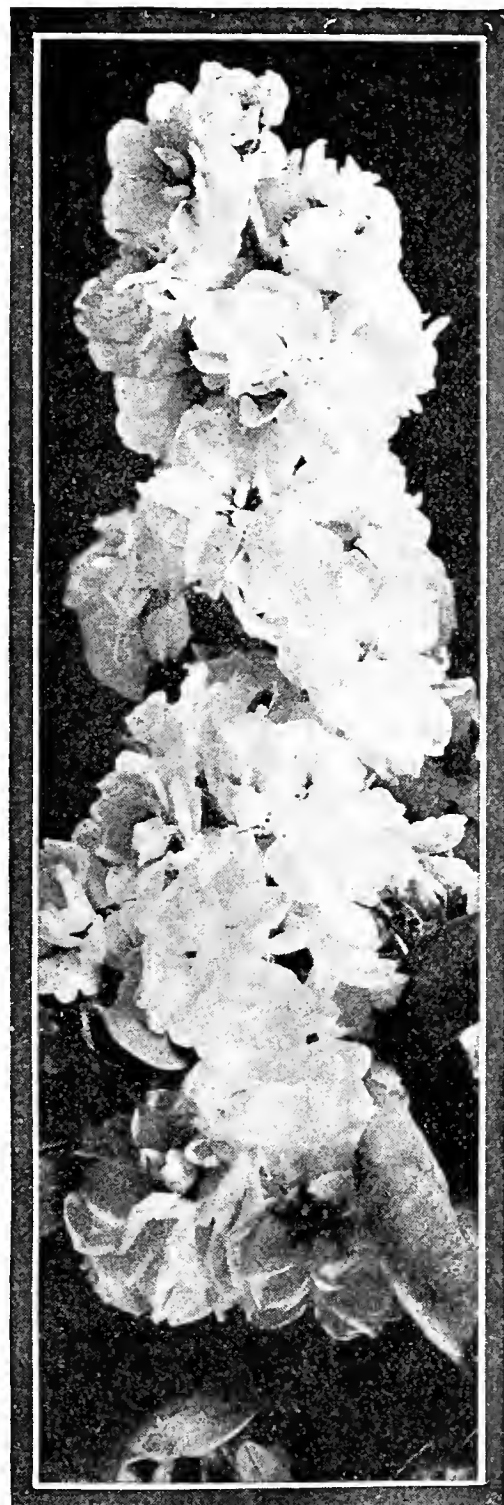
LARGE FLOWERING DWARF TEN WEEK STOCKS

		½ Trade	Trade			½ Trade	Trade	
		Pkt.	Pkt.	Oz.		Pkt.	Pkt.	Oz.
2010	Blood Red	.....\$0.25	\$0.40	\$2.50	2018	White	.....\$0.25	\$0.40 \$2.50
2012	Light Blue	..... .25	.40	2.50	2020	Yellow	..... .25	.40 2.50
2014	Pink	..... .25	.40	2.50	2022	Mixed	..... .25	.40 2.00
2016	Purple Violet	..... .25	.40	2.50				



Beauty of Nice Stock

OVERBROOK, PA., Mar. 23, 1912.
Gentlemen:
I am cutting the finest Stocks
Beauty of Nice I ever saw: 95
per cent double flowers.
M. DALY.



Flower Market Stock

STOCKS—Various Sorts

	½ Trade Pkt.	Trade Pkt.	Oz.
2025 Wallflower Leaved. Choice mixed.....	\$0.25	\$0.40	\$2.50
2037 Brompton, or Winter. Mixed.....	.30	.50	2.50
2043 Princess Alice (Cut-and-Come-Again). Of branching habit; pure white; excel- lent for cutting.....	.30	.50	2.50
2031 New Pyramidal Stock, "Bismarck." A splendid sort for cutting; immense pure white flowers are regularly lined along a colossal spike, often 30 inches in length, with many side shoots.....	.30	.50	3.00
2045 New Winter Stock, "White Lady." The plants throw up a massive central spike, which branches freely in cande- labra fashion; flowers large, double and of lustrous snowy white. Per pkt. 20c.			
2047 Virginian. Mixed .....	.10	.20	

52 MICHELL'S "DISTINCTIVE" FLOWER SEEDS

Spencer or Orchid-Flowered Sweet Peas

The characteristics of this new type are: (1) Enormous flowers with wavy petals. (2) Invariably four flowers to the stem. (3) Stems averaging 12 to 15 inches in length. (4) Plant, foliage, stem and flower of extraordinarily robust health. Every variety listed here is of tried value, those of commercial preference are prefixed with *.

If Sweet Peas are wanted by mail, add 8c. per lb. for postage.

White

	Oz.	¼ lb.	Lb.
2148 Etta Dyke. Pure white.....	\$0.15	\$0.50	\$1.75
2201 Mrs. Sankey Spencer. Black seeded, pure white .....	.15	.50	1.50
*2216 Nora Unwin. Extra large white.....	.15	.40	1.25
*2255 White Spencer. Clear white.....	.25	.85	3.00

Light Pink

*2112 Blanche Ferry Spencer. Pink and white	.25	.75	2.50
*2135 Countess Spencer. Soft rose pink.....	.15	.50	1.75
2143 Duplex Spencer. Large; beautiful cream pink .....	.40	1.25	4.25
2144 Elfrida Pearson. Light pink, margined with darker pink .....	.40	1.40	5.00
*2156 Florence Morse Spencer. Delicate blush	.20	.60	2.25
*2152 Gladys Unwin. Delicate pink.....	.10	.30	1.00
2157 Helen Lewis. Orange pink.....	.20	.60	2.00
2187 Lovely Spencer. Deep pink, shading to blush.....	.25	.75	2.50
2198 Mrs. Hugh Dickson. Salmon pink on cream ground.....	.15	.50	1.75
2199 Mrs. Routzahn Spencer. Buff pink .....	.25	.85	3.00
2246 Stirling Stent. Deep salmon, suffused with orange .....	.40	1.40	5.00
2249 W. T. Hutchins. Apricot pink.....	.20	.60	2.00

Deep Pink or Rose

*2099 Apple Blossom Spencer. Deep pink...	.20	.60	2.00
*2161 Geo. Herbert. Rose pink.....	.15	.50	1.50
2189 Marie Corelli. Rich rose crimson.....	.25	.85	3.00

Primrose or Light Yellow

2224 Primrose Spencer. Light yellow.....	.25	.75	2.50
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Lavender

*2100 Asta Ohn Spencer. Rich lavender.....	.25	.85	3.00
*2155 Flora Norton Spencer. Light lavender.	.40	1.25	4.00
*2147 Florence Nightingale. Large; lavender	.25	.85	3.00
*2153 Frank Dolby. Mauve lavender.....	.15	.40	1.25
2188 Margaret Madison. Light lavender or azure blue .....	.60	2.00	
2248 Tennant Spencer. Lavender .....	.20	.60	2.00

Blue and Purple

*2124 Captain of the Blues Spencer. Standard purple, wings blue .....	.20	.60	2.25
2164 Irish Belle. Rich lilac flushed pink.....	.40	1.25	4.50

Scarlet

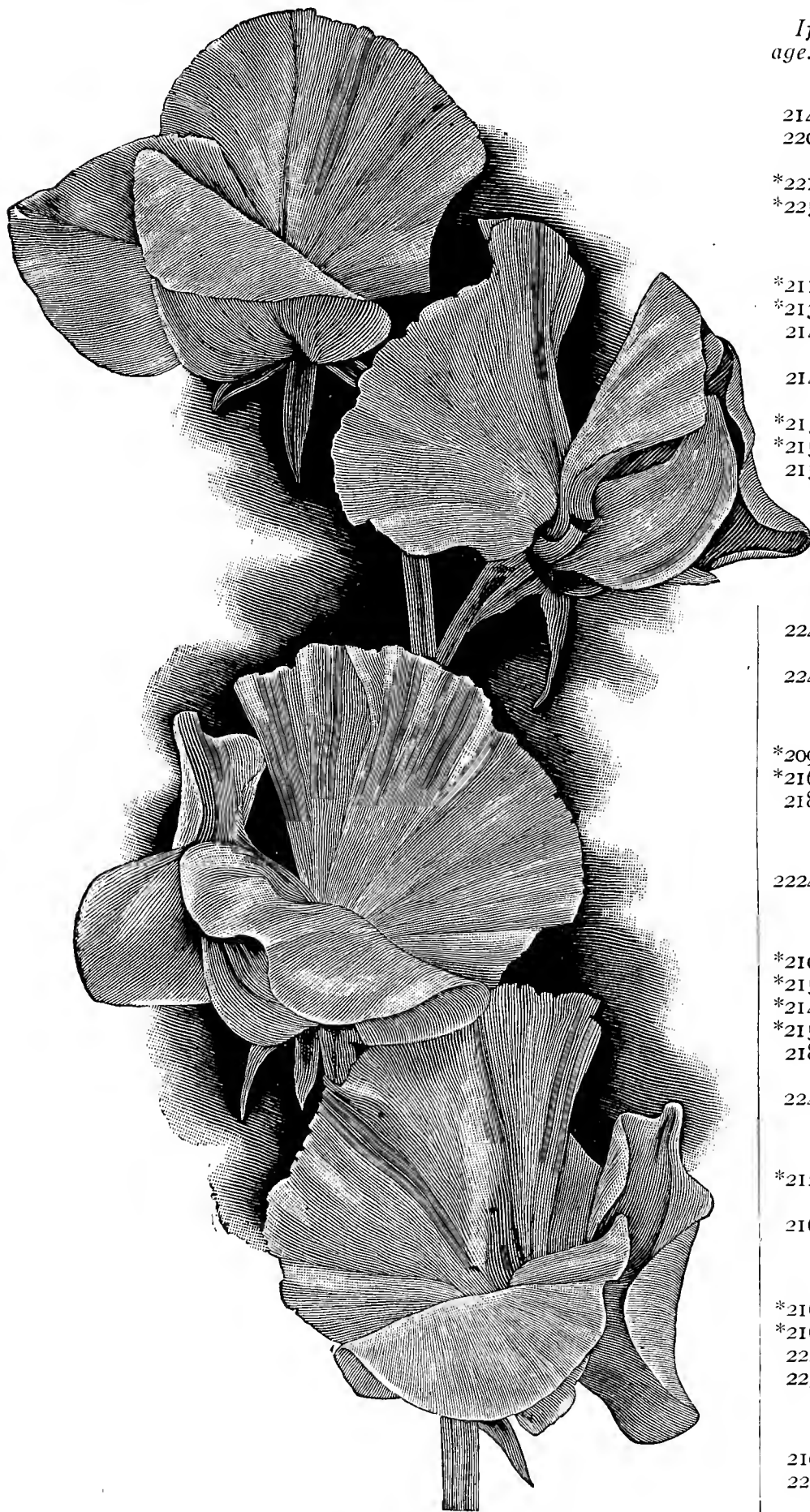
*2160 George Stark. Bright scarlet.....	.15	.50	1.50
*2169 King Edward Spencer. Bright crimson	.20	.60	2.00
2229 Queen Alexandra. Bright scarlet.....	.25	.85	3.00
2254 Vermilion Brilliant. Intense scarlet....	1.25	4.00	

Maroon

2108 Black Knight Spencer. Deep maroon..	.20	.60	2.25
2219 Othello Spencer. Deep maroon.....	.20	.60	2.25

Striped and Flaked

2097 America Spencer. Red flakes on white ground .....	.20	.60	2.25
2103 Aurora Spencer. White flaked salmon.	.20	.60	2.00
2145 Ethel Roosevelt. Large; soft primrose, flaked with crimson .....	.20	.60	2.25
2123 Charm. White, suffused blush pink....	.60	2.00	
2215 Mrs. W. J. Unwin. White, flaked with orange scarlet .....	.40	1.50	5.50



New Spencer Sweet Pea

Superb "Spencer" Mixture

Blended from only the Giant Waved Spencer varieties, including a number of new hybrids of exquisite colors and shades; we are sure this mixture will give absolute satisfaction.

Per oz. 15c., 40c. per ¼ lb., per lb., \$1.35.

Michell's Standard Sweet Peas

Separate Colors

The varieties we offer below have been selected from a large list and embrace only the very best large flowering sorts. Varieties marked * are the most desirable for florists.

For the convenience of our customers, we have arranged the different varieties according to color.

If wanted by mail, add 8 cents per lb. for postage.

White

	Oz.	¼ lb.	Lb.
2106 Blanche Burpee. Large; pure white....	\$0.07	\$0.20	\$0.60
*2136 Dorothy Eckford. Extra large; white.	.07	.20	.60
*2150 Emily Henderson. Pure white.....	.07	.20	.60

Primrose and Yellow

*2162 Hon. Mrs. E. Kenyon. Primrose yellow	.10	.25	.75
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Rose and Pink

*2110 Blanche Ferry. Pink and white.....	.07	.20	.60
*2166 Katharine Tracy. Brilliant pink.....	.07	.20	.60
*2186 Lovely. Soft shell pink.....	.07	.20	.60
*2222 Prima Donna. Lovely soft pink.....	.07	.20	.60
*2226 Prince of Wales. Rose crimson.....	.10	.25	.85

Orange

*2194 Miss Willmott. Deep orange pink....	.10	.25	.75
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Crimson and Scarlet

*2168 King Edward VII. Crimson scarlet....	.07	.20	.60
2228 Queen Alexandra. Large scarlet.....	.10	.30	1.00
2242 Salopian. Scarlet .....	.10	.30	1.00

Lavender

*2134 Countess of Radnor. Pale lavender...	.07	.20	.60
2151 Flora Norton. Delicate lavender.....	.10	.25	.85
*2170 Lady Grisel Hamilton. Pale lavender.	.10	.25	.75

Blue and Purple

2142 Duke of Westminster. Standard clear purple, wings violet .....	.07	.20	.60
2178 Lord Nelson. Rich navy blue.....	.07	.20	.60
*2214 Navy Blue. Deep violet blue.....	.07	.20	.60

Maroon

2105 Black Knight. Maroon .....	.10	.25	.75
*2218 Othello. Very dark maroon07	.20	.60

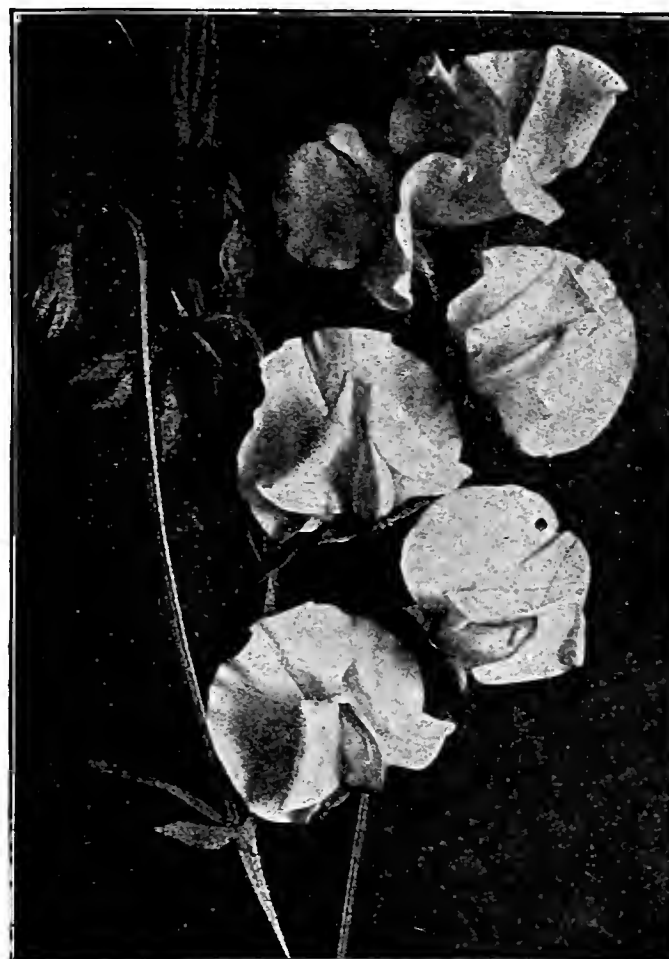
Striped and Mottled

2095 America. Blood red, striped on white..	.07	.20	.60
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Sweet Peas in Mixture

2258 Michell's Magnificent. Great care has been taken in making up this mixture, selecting the large flowering, long stemmed varieties, a large percentage of which are of the lighter colors and shades10	.25	.75
2260 Michell's Gilt Edge. Eckford's large flowering; represents almost every color and shade in sweet peas.....	.07	.20	.60
2292 Cupid or Dwarf Varieties. Mixed colors	.10	.30	1.00

For Spencer or Orchid Flowered Sweet Peas, see page 52



Winter Flowering Sweet Peas

Michell's Christmas or Winter Flowering Sweet Peas

Especially Adapted For Forcing

If wanted by mail, add 8 cts. per lb. for postage.

This seed has been grown from originator's stock, and can be depended upon for excellent results.

2245 Michell's Snowdrift. Pure white; black seeded; extra early; large flowers on long stems	Oz. \$0.25	¼ lb. \$0.75	Lb. \$2.00
2114 Blanche Ferry (Extra Early). Pink and white .....	.10	.25	.85
2127 Christmas Pink. Pink and white.....	.15	.50	1.50
2129 " White .....	.15	.50	1.50
2126 " Meteor. Scarlet .....	.15	.50	1.50
2146 Earliest of All. Pink and white.....	.10	.25	.75
2174 Le Marquis. Large dark blue.....	.15	.50	1.50
2202 Mont Blanc. Early; pure white.....	.10	.25	.85
2203 Mrs. Alex. Wallace. Lavender.....	.15	.50	1.50
2206 Mrs. Chas. H. Totty. Lavender.....	.15	.50	1.50
2207 Mrs. Edie Wilde. .....	.15	.50	1.50
2209 Mrs. F. J. Delansky. Daybreak pink...	.15	.50	1.50
2210 Mrs. Geo. Lewis. Pure white.....	.15	.50	1.50
2213 Mrs. William Sim. Salmon pink.....	.15	.50	1.50
2211 Mrs. W. W. Smalley. Satin pink.....	.15	.50	1.50
2264 Mixed. Winter flowering .....	.15	.50	1.50

Zvolanek's Christmas or Winter Flowering Sweet Peas

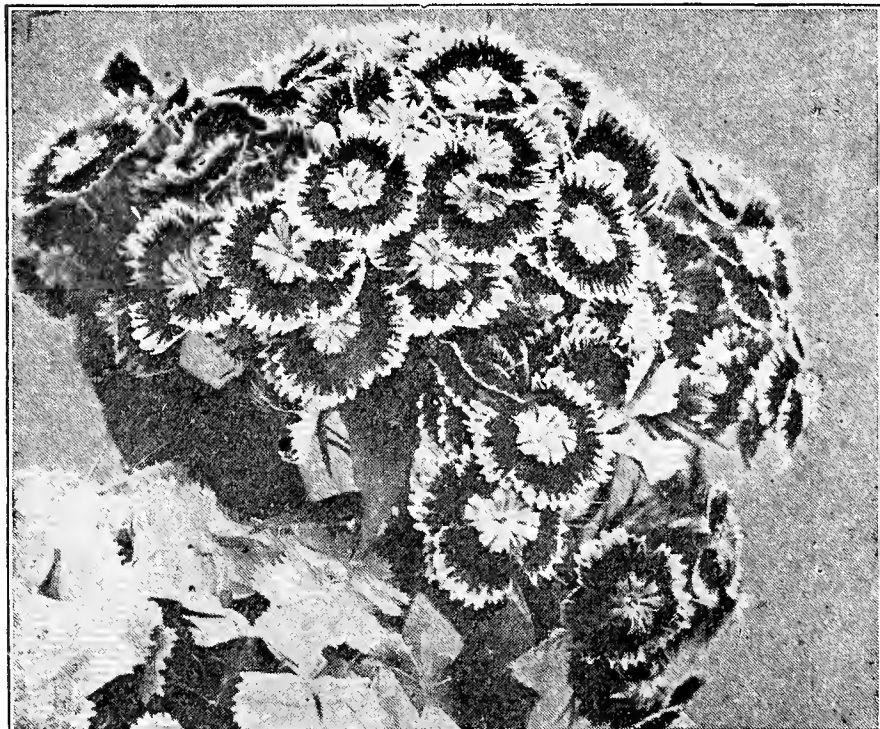
	Oz.	¼ lb.	Lb.
2127A Christmas Pink. Pink and white.....	\$0.25	\$0.75	\$2.00
2129A " White (Florence Denzer) ..	.25	.75	2.00
2126A " Meteor. Scarlet .....	.25	.75	2.00
2174A Le Marquis. Dark blue .....	.25	.75	2.00
2203A Mrs. Alex. Wallace. Lavender.....	.25	.75	2.00
2206A Mrs. Chas. H. Totty. Lavender.....	.25	.75	2.00
2210A Mrs. Geo. Lewis. Pure white.....	.25	.75	2.00
2213A Mrs. William Sim. Salmon pink.....	.25	.75	2.00
2211A Mrs. W. W. Smalley. Satin pink.....	.25	.75	2.00
2253A Wallacea. Lavender .....	.25	.90	3.00
2257A Watchung. Pure white .....	.25	.75	2.00
2264A Mixed. Winter flowering .....	.25	.75	2.00


SWEET ROCKET (*Hesperis*) Trade pkt. Oz.

2300 Mixed. Perennial; purple and white.....\$0.10 \$0.15

SWEET SULTAN (*Centaurea Moschatus*)

2305 Mixed. Fragrant10 .15



Single Sweet William

SWEET WILLIAM (*Dianthus Barbatius*)

	Trade pkt.	Oz.
2306 Single Crimson	\$0.10	\$0.30
2307 " Red with white eye.....	.10	.30
2308 " Velvety Maroon .....	.10	.30
2309 " Violet with white eye.....	.10	.30
2311 " White .....	.10	.30
2312 Single Mixed. All colors. ¼ lb. 60c.....	.10	.20
2313 Pink Beauty. Large flowers of salmon pink..	.30	1.25
2315 Scarlet Beauty. Intense, rich deep scarlet....	.40	2.00
2310 Auricula Flowered. Single mixed.....	.10	.40
2314 Double Mixed. All colors.....	.15	.50

TAGETES

2320 Golden Ring. Single, brown and yellow..... .15 .50

THUNBERGIA (*Black-Eyed Susan*)

2326 Alata. Buff, dark eye.....	.15	.60
2325 Alba Oculata. White, dark eye.....	.15	.60
2327 Aurantiaca. Orange, dark eye.....	.15	.60
2328 Mixed .....	.15	.50

TORENIA

2337 Fournieri Grandiflora. Blue30 2.00



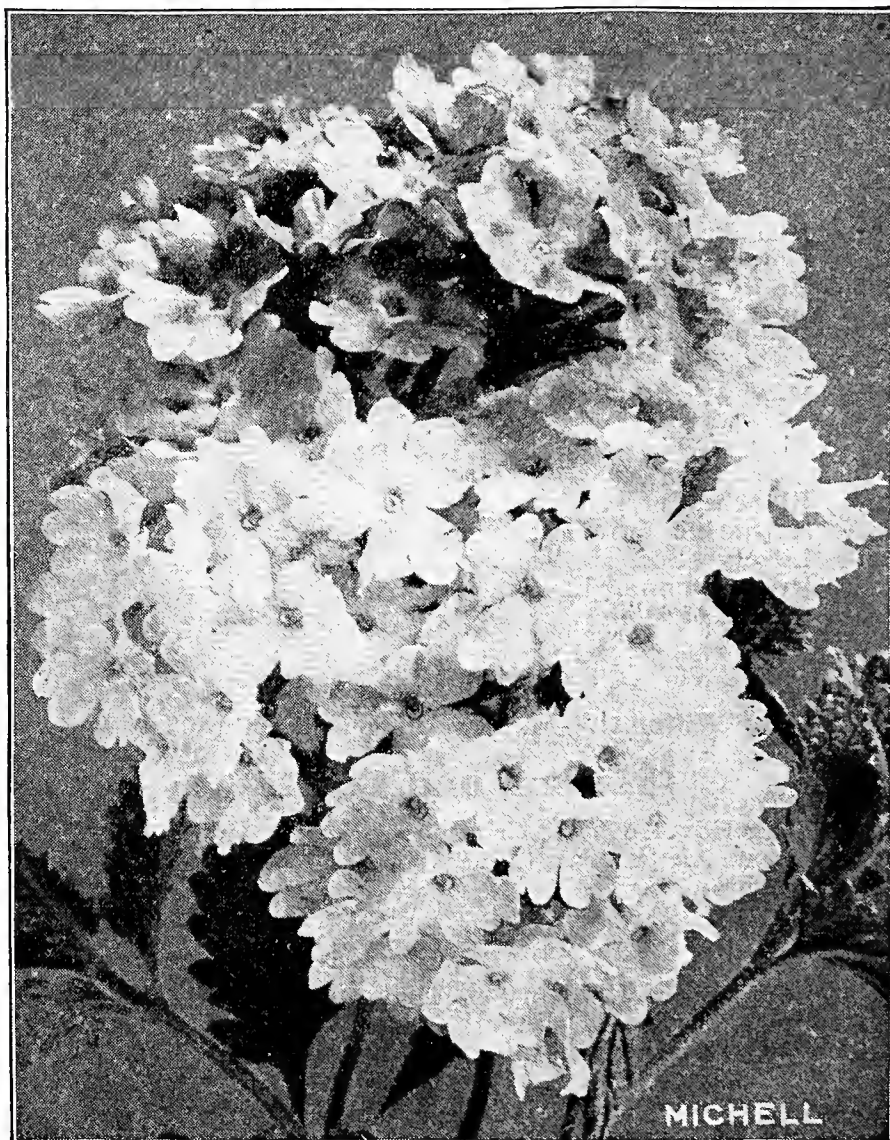
Torenia, Fournieri Grandiflora

TRITOMA (*Red Hot Poker Plant*) Trade pkt Oz

2345 Uvaria Grandiflora. Orange scarlet.....\$0.15 \$0.60

VALERIANA (*Garden Heliotrope*)

2348 Officinalis. Perennial; rose pink flowers.....	.30	1.50
2350 Mixed. Perennial; fragrant .....	.10	.20



Michell's Mammoth Fancy Verbena

MICHELL'S VERBENAS

Our Mammoth Fancy Strain of this popular bedding plant cannot be excelled for its free flowering qualities, large size and purity of colors.

	Trade pkt.	Oz.
2355 Michell's Mammoth Fancy Blue.....	\$0.30	\$1.25
2357 " " " Pink .....	.30	1.25
2359 " " " Scarlet .....	.30	1.25
2361 " " " Striped .....	.30	1.25
2363 " " " White .....	.30	1.25
2365 " " " Mixed .....	.30	1.00
2367 New Giant Flowered Mixed. A new variety of large size with extra large, white eyes....	.50	2.50
2368 Helen Willmott (<i>New</i>). Large flowers of a bright salmon rose, with white eye. Per pkt., 20c.		...
2354 Hybrida Compacta "Dornröschen" (<i>New</i>). A dwarf compact-growing variety; flowers white, with a soft carmine rose edge. Per pkt., 20c.		...
2366 Mammoth Choice Mixed.....	.25	.75
2369 Fine Mixed .....	.20	.60
2371 Lemon Scented (<i>Aloysia Citriodora</i>).....	.30	1.60

VERONICA (*Speedwell*)

A showy, hardy perennial border plant.

2373 Spicata. Blue .....	.25	.75
2374 Virginica. White.....	.25	1.60

Vinca
VINCA

An excellent bedding plant; seed should be sown early.

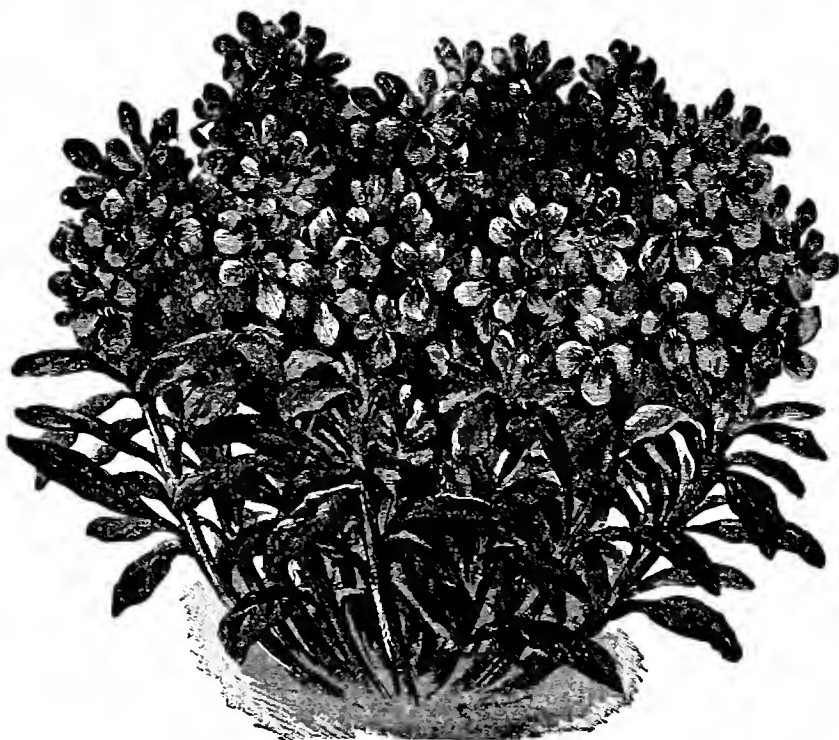
	Trade pkt.	Oz.
2375 Alba. White, with rose centre.....	\$0.15	\$0.50
2376 Alba Pura. Pure white.....	.15	.50
2377 Rosea. Pink .....	.15	.50
2378 Mixed .....	.15	.40

VIOLA CORNUTA (Tufted Pansies)

2385	Admiration. Dark blue .....	.25	1.50
2386	Lutea Splendens. Clear yellow.....	.25	1.00
2384	Mauve Queen. Lovely mauve color.....	.25	1.25
2387	Perfection. Light blue .....	.25	1.50
2388	White Perfection. Pure white.....	.25	1.50
2389	G. Wermig (New). Of the identical color of the "Princess of Wales" Violet. Per pkt. 15c.		

VIOLET (Sweet Scented)

2390	Single Blue Czar.....	.30	1.50
2392	Single White Czar.....	.30	1.50
2394	Single Mixed .....	.30	1.25



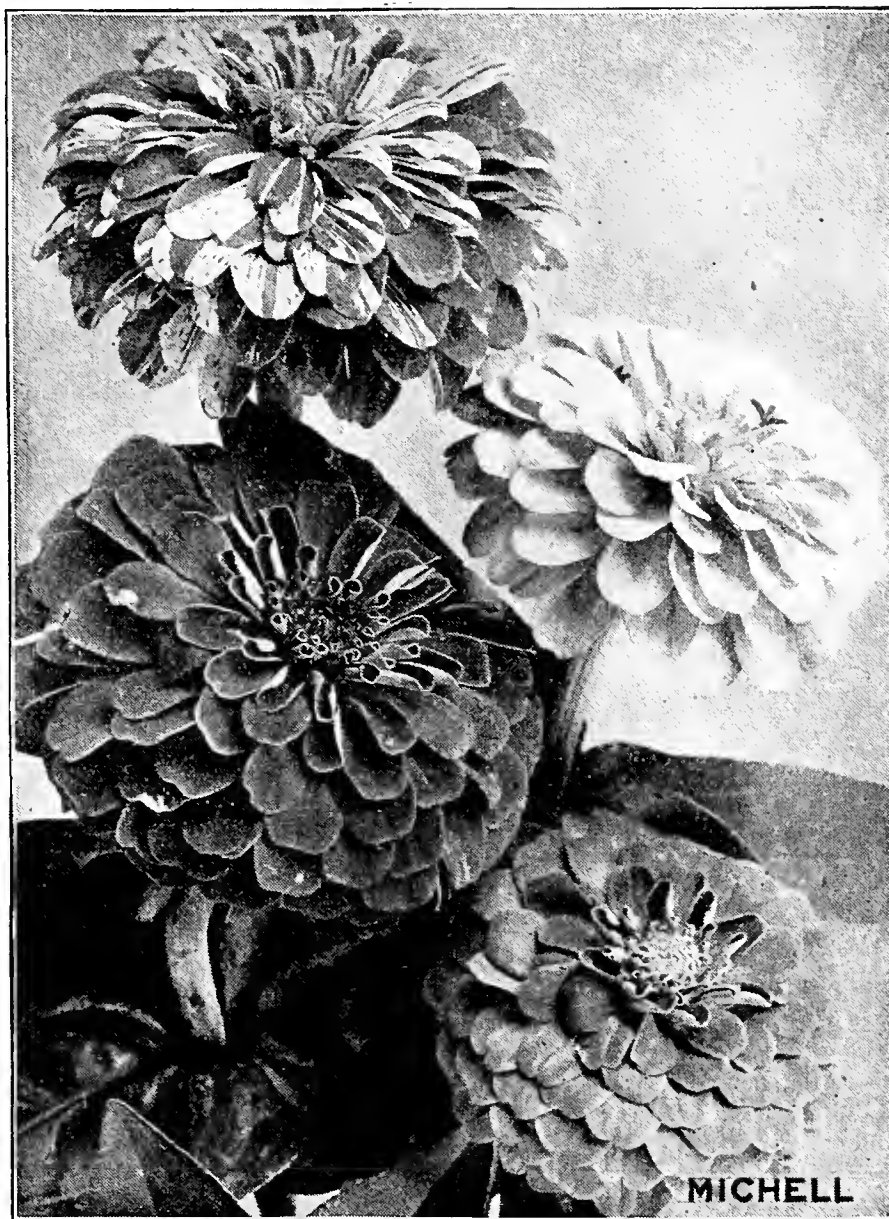
Single Wallflower

WALL FLOWER

	Trade pkt.	Oz.
2400 Double Brown	(1/4 oz. 75c.)	.40
2402 Double Yellow	(1/4 oz. 75c.)	.40
2404 Double Mixed .....	.30	2.00
2408 Single Mixed .....	.10	.15
Paris Extra Early. Single flowering; blooms the first year from seed.		
2407 Blood Red .....	.15	.60
2409 Yellow .....	.15	.50
2406 Mixed. All colors.....	.10	.25

XERANTHEMUM (Everlasting Flower)

2420	Double Mixed. Annual, for winter bouquets...	.10	.30
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**New Giant Robusta Zinnias****MICHELL'S "DISTINCTIVE" ZINNIAS**

We claim perfection in form, size and color for our strain of Zinnias, as those who grow them will attest.

	Trade pkt.	Oz.
2440 Tall Double Crimson.....	\$0.10	\$0.40
2442 " " Pink .....	.10	.40
2443 " " Scarlet .....	.10	.40
2444 " " White .....	.10	.40
2446 " " Yellow .....	.10	.40
2448 " " Mixed .....	.10	.30
2430 Dwarf Double Jacqueminot, Crimson.....	.10	.50
2432 " " Pink .....	.10	.50
2433 " " Salmon Rose .....	.10	.50
2434 " " White .....	.10	.50
2435 " " Scarlet .....	.10	.50
2436 " " Yellow .....	.10	.50
2438 " " Mixed .....	.10	.40

ROBUSTA OR GIANT ZINNIAS

Flowers of immense size and perfectly double.

2470	Scarlet	\$0.40	\$1.50
2473	White .....	.40	1.50
2468	Golden Yellow .....	.40	1.50
2466	Crimson .....	.40	1.50
2467	Flesh Color .....	.40	1.50
2469	Purple .....	.40	1.50
2471	Sulphur Yellow .....	.40	1.50
2472	Violet .....	.40	1.50
2454	Choicest Mixed. Trade pkt. 20c., 60c. per oz.		

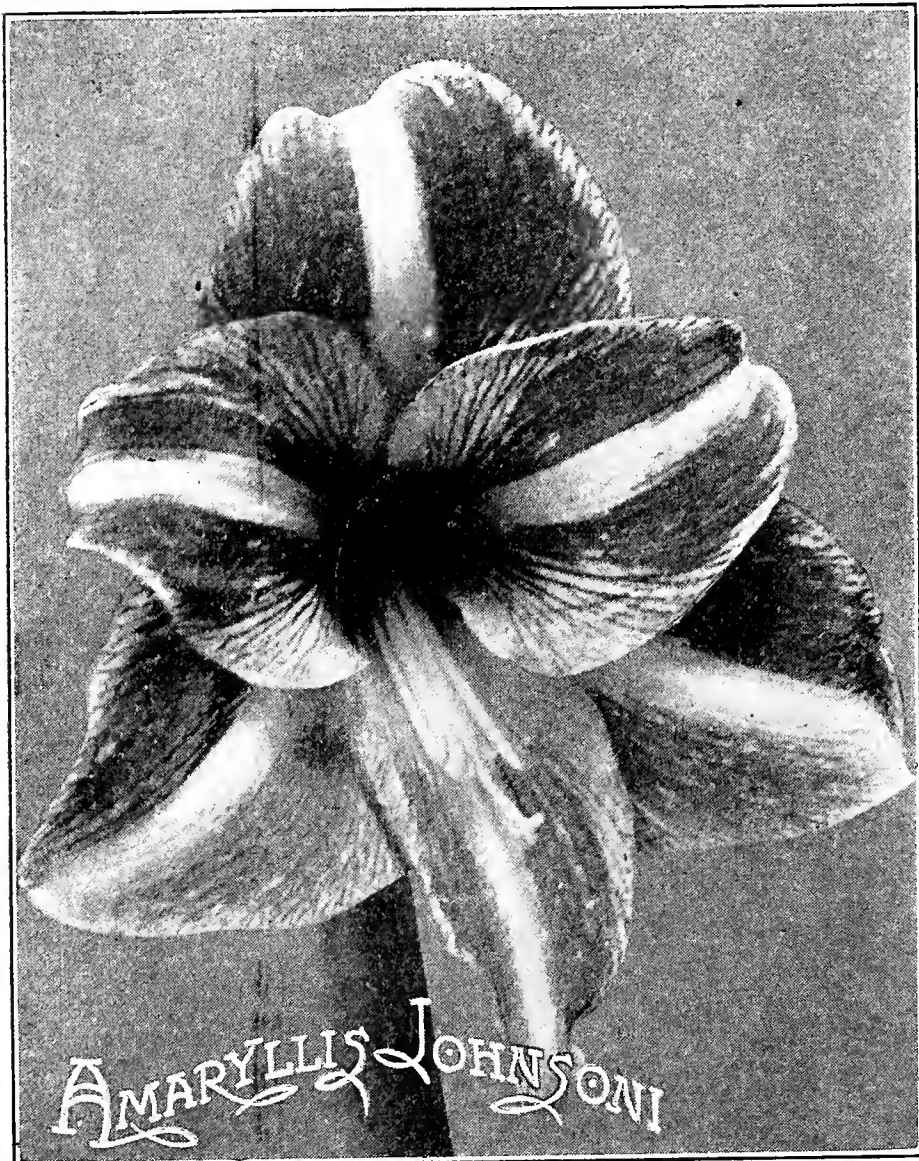
VARIOUS ZINNIAS

2453	Red Riding Hood. Miniature flowers, perfectly double; color, bright scarlet.....	\$0.15	\$0.50
2450	Curled and Crested. Double mixed.....	.15	.40
2458	Zebra, or Striped. Double.....	.15	.50

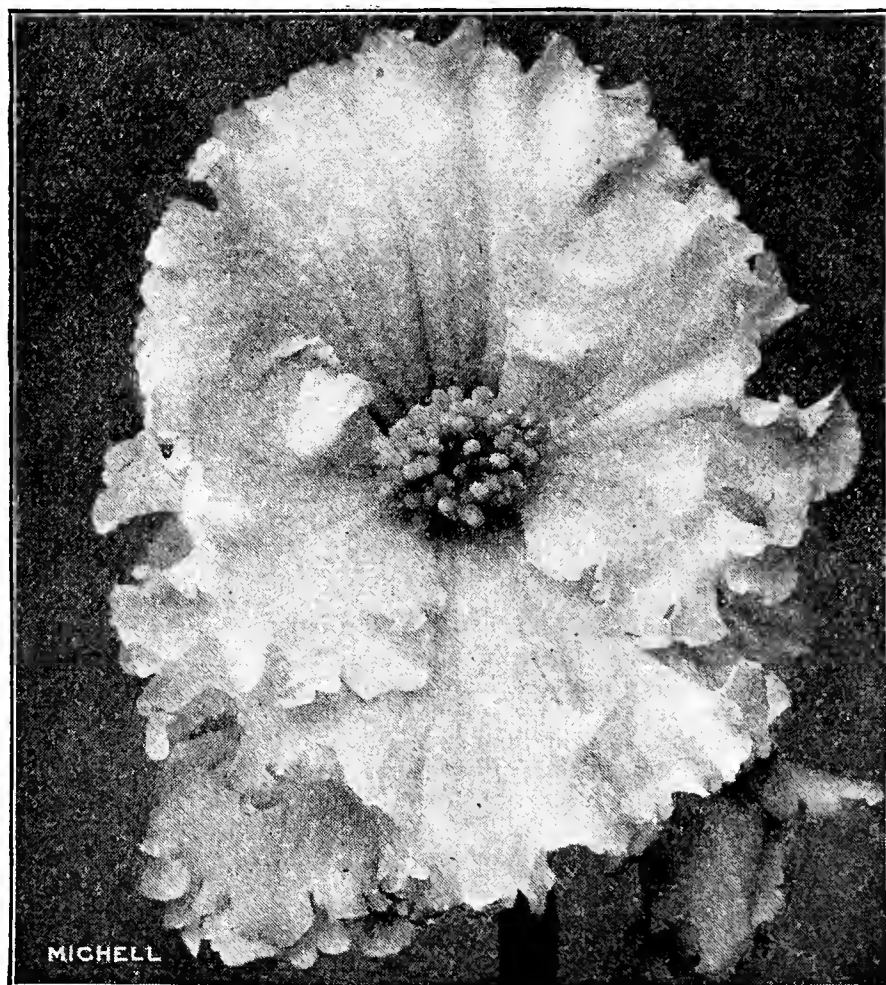
MIXED OR WILD FLOWER GARDEN SEEDS

A mixture containing nearly 100 varieties of easy growing and interesting flowers. (Per lb. \$1.00).....\$c.10

Michell's Summer Flowering Bulbs, Etc., for Florists



NOTE. We guarantee the safe arrival of all bulbs shipped during the winter months if sent by **Express**. **Freight and Boat Shipments** of bulbs are very risky during cold weather and can be forwarded this way at **customer's risk only**.



Tuberous Rooted Begonia, Frilled or Crispa Type

Amaryllis Bulbs

	Doz.	100
Belladonna. Pink, 10c. each.....	\$0.85	\$6.00
Hybrids of Vittata. Choice mixture, 35c. each.....	3.50	25.00
Johnsoni. Red and white, large bulbs, 25c. each.....	2.50	19.00
Formosissima (<i>Jacobean Lily</i>). Red, large bulbs....	.75	5.50
Tretea Alba (<i>Zephyranthes</i>). (Extra large bulbs.)	.45	3.25
“ Rosea “ (Extra large bulbs.)	.45	3.25

Fancy Leaved Caladium Bulbs

(Ready in March)



Aguape. One of the grandest. Vivid red, transparent.
Alfred Mame. Velvety red.
Dr. Augusto de Castro. Red, white and green.
Hermione. Rosy-red, ribs bright red, green border.
John Peed. Glowing red centre, narrow green border.
L'Automne. Creamy-white, transparent bluish spots.
Marie Carola (*New*). Golden green, spotted red, suffused yellow.
Marmoratum (*Alocasia Puzli*). Glaucous green, with white spots.
Stephen Girard. Green, marbled white, red ribs. Rare.

Triguara. Entirely red, with bronze reflections, ribs brilliant red.
White Flag. White.

The above named rare sorts, 20c. each, doz. \$2.00, 100 \$14.00.
Mixed Varieties. 15c. each, doz. \$1.65, \$11.00 per 100.

Begonia Bulbs—(Tuberous Rooted)

Very choicest giant flowering type. Extra large bulbs. The past year we made some extensive trials of strains of tuberous rooted Begonias and are convinced that ours cannot be surpassed.

SINGLE	Doz.	100	1000
Orange	\$0.40	\$2.50	\$22.00
Scarlet .....	.40	2.50	22.00
Pink .....	.40	2.50	22.00
White .....	.40	2.50	22.00
Yellow .....	.40	2.50	22.00
Mixed .....	.30	2.25	20.00
DOUBLE	Doz.	100	1000
Crimson	\$0.65	\$4.00	\$35.00
Scarlet .....	.65	4.00	35.00
Pink .....	.65	4.00	35.00
White .....	.65	4.00	35.00
Yellow .....	.65	4.00	35.00
Mixed .....	.50	3.75	33.00

New Frilled Begonia (See Cut Above)

A beautiful crested type, producing very large single flowers. The above cut, which was reproduced from an actual bloom, will convey some idea of its beauty.

	Doz.	100	1000
Orange	\$0.85	\$6.00	\$50.00
Scarlet .....	.85	6.00	50.00
Pink .....	.85	6.00	50.00
White .....	.85	6.00	50.00
Yellow .....	.85	6.00	50.00
Mixed .....	.80	5.00	40.00

Named Tuberous Begonias

	Each	Doz.	100
Lafayette. Brilliant crimson, double.....	\$0.15	\$1.50	\$10.00
Graf Zeppelin. Double; vermilion scarlet	.12	1.25	9.00
Bertini. Brilliant vermilion, single.....	.10	1.00	7.50
Cardinal. Rich cardinal red.....	.20	1.75	12.50

MICHELL'S (Home Grown) Thrifty CANNA ROOTS

Our Roots are extra strong, with plenty of eyes, are clean and absolutely true to name. They will be found far superior to the cheap southern-grown stock which cannot be relied upon for true-ness to name. Our Cannas are all **true to name**. When ordering please state if immediate shipment is desired; also if we shall send via express or freight. This stock is **grown by ourselves** at **Evergreen Seed Gardens** on especially prepared soil and is in extra fine shape.

Newer Varieties of Special Merit

- Brilliant.** Pure golden yellow with tongues of fiery red. 75c. doz., per 100 \$5.00, \$40.00 per 1000.
- Comte de Sachs.** Clear crimson scarlet, carried well above the foliage; a fine sort. 75c. doz., per 100 \$4.00, \$32.50 per 1000.
- Gladio-Flora.** Petals short and rounded, overlapping each other; a new form; color, crimson, changing to deep rose, with an uneven edge of gold to each petal. Height, 3½ feet. \$1.50 doz., per 100 \$10.00, \$90.00 per 1000.
- Halley's Comet.** Blazing scarlet, with a yellow throat, margined yellow. \$1.50 doz., \$10.00 per 100, \$90.00 per 1000.
- Minnehaha.** Wavy petals of immense size form a fantastic flower which is resplendent in colors only known to orchids; seashell pink, deepening to gold and cream, with a centre of peach blow. 3 feet; foliage green. \$1.00 doz., \$6.00 per 100, \$50.00 per 1000.
- Mrs. Alfred F. Conard.** Salmon pink; very fine, large truss and flowers. \$2.25 doz., per 100 \$16.00, \$150.00 per 1000.
- Pink Beauty of Hungaria.** An especially fine salmon pink, claimed to be an improvement on Mrs. Alfred F. Conard; heavy, massive green foliage and gigantic flower truss. 3 feet. \$2.50 doz., per 100 \$16.00, \$150.00 per 1000.
- Rosea Gigantea.** Rich rose pink, a monster flower, an advance both in color and size. To appreciate the beauty of this novelty one must see it; words, no matter how eloquent, cannot do it justice. It is a coming winner. Height, 3½ feet; foliage green. \$1.25 doz., per 100 \$8.50, \$80.00 per 1000.
- Venus.** Gay rose pink, with a mottled border of creamy yellow; green foliage. 60c. doz., \$4.00 per 100, \$37.50 per 1000.
- Wawa.** Fine pink, growing 3 feet high. 85c. doz., \$6.00 per 100, \$50.00 per 1000.

Crimson and Red Shades

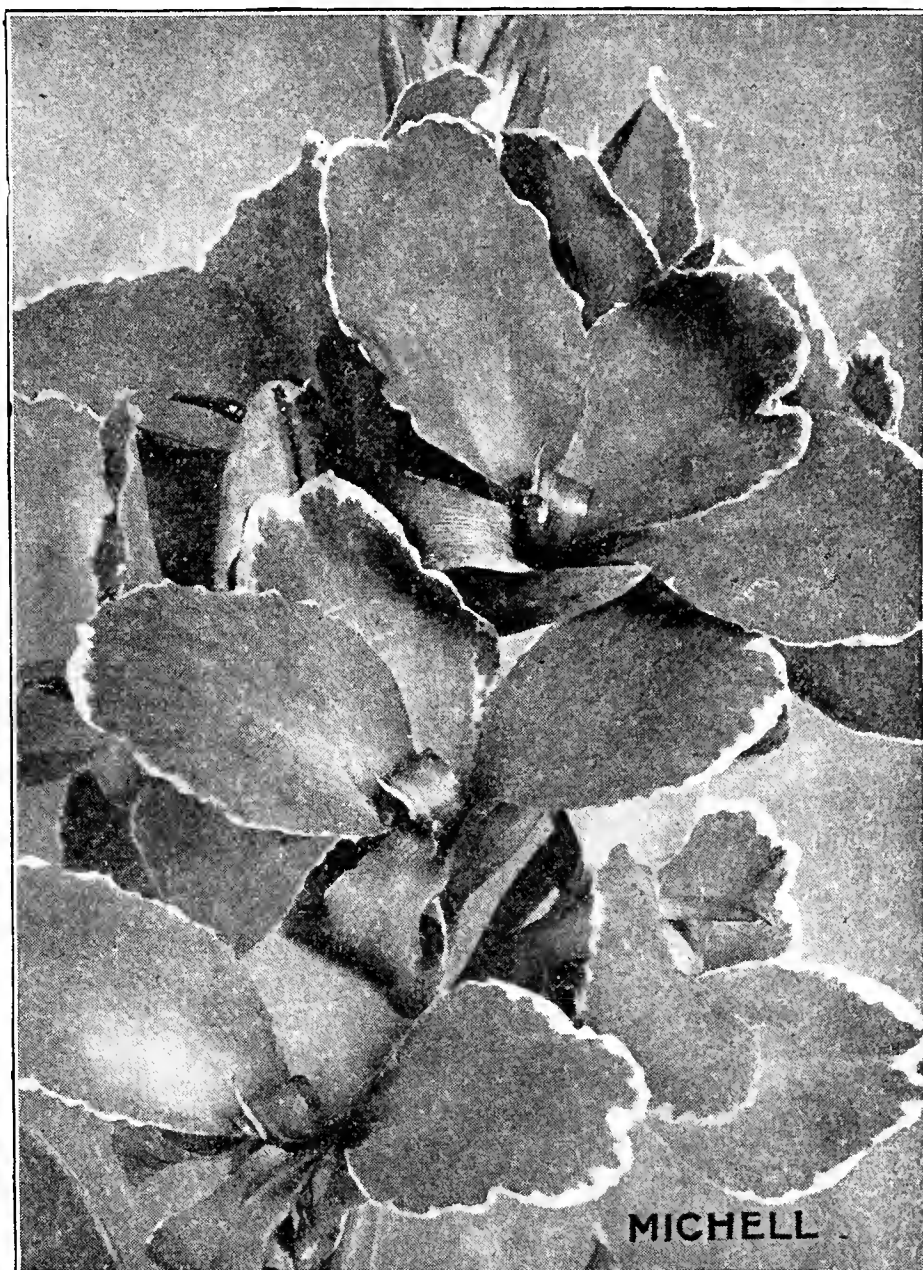
	Doz.	100	1000
Alphonse Bouvier. Deep crimson, green foliage, 4 feet	\$0.50	\$3.00	\$25.00
Black Prince. Dark crimson, green foliage..	.60	3.25	30.00
Brandywine. Scarlet red, green foliage.....	.60	3.50	32.50
Chas. Henderson. Fine crimson.....	.50	3.00	25.00
Comte de Sachs. Clear crimson scarlet.....	.75	4.00	32.50
Crimson Bedder. Crimson, green foliage....	.50	3.25	30.00
Egandale. Bright cherry red, bronze foliage..	.60	3.00	27.50
Express. Scarlet crimson .....	.75	5.00	40.00
President Meyer. Carmine red, bronze foliage, 4 feet .....	.60	4.00	37.50
Pres. McKinley. Brilliant crimson.....	.50	3.00	27.50
Wm. Saunders. Bright scarlet.....	1.00	6.00	50.00

Orange Scarlet Shades

King Humbert. Bronze foliage, orange red, 4 feet. (Stock very scarce.).....	.85	6.00	50.00
Mrs. Kate Gray. Orange scarlet, green foliage, 4 feet; very showy.....	.50	3.00	27.50

Pink Shades

Hiawatha. Rosy pink, variegated foliage.....	.60	3.50	32.50
Mad. Berat. Brilliant rose pink, very fine....	.60	3.00	27.50
Minnehaha. Seashell pink, deepening to gold, peach blow centre.....	1.00	6.00	50.00
Pink Beauty of Hungaria. Soft salmon rose, 3 feet.	2.50	16.00	150.00
Wawa. Extra fine pink, 3 feet.....	.85	6.00	50.00
Venus. Rosy pink, bordered yellow.....	.60	4.00	37.50
Rosea Gigantea. Rich rose pink.....	1.25	8.50	80.00
Mrs. Alfred F. Conard. Soft salmon pink...	2.25	16.00	150.00



Gladiolflora

Scarlet Edged Yellow Varieties

	Doz.	100	1000
Gladio Flora. Crimson, changing to rose, each petal edged gold.....	\$1.50	\$10.00	\$90.00
Halley's Comet. Blazing scarlet, with a yellow throat, edged yellow.....	1.50	10.00	90.00
Italia. Scarlet, broadly edged yellow, 6 feet...	.50	3.25	30.00
Mme. Crozy. Scarlet, bordered golden.....	.50	2.75	25.00
Niagara. Rich crimson, edged gold.....	.60	4.00	37.50
Queen Charlotte. Crimson, with wide gold border, 3 feet .....	.60	3.25	30.00

Spotted Varieties

Brilliant. Pure golden yellow, striped red....	.75	5.00	40.00
Florence Vaughan. Yellow, spotted red, 4 ft.	.40	2.75	25.00
Gladiator. Yellow, spotted red.....	.60	3.50	32.50

Yellow Varieties

Alsace. Pale sulphur, changing to cream.....	.50	2.75	25.00
Austria. Deep golden yellow, 6 feet.....	.50	3.25	30.00
Gustave Gumpper (New). Rich yellow; very fine, 4 feet	2.50	16.00	150.00
Richard Wallace. The finest commercial light yellow canna, 4 feet.....	.60	3.25	30.00

Foliage Cannas

Black Beauty (Improved). A foliage variety, bronzy purple leaves, 6 feet high.....	.75	5.00	40.00
Musa Folia. A broad green foliage variety, 6 feet .....	.60	4.00	35.00
Robusta Perfecta. Bronze foliage, 6 feet....	.40	2.75	25.00

Mixtures

Dwarf French Mixed.....	.40	2.50	20.00
Tall Sorts Mixed.....	.40	2.50	20.00

58 **Michell's Summer Flowering Bulbs, etc., for Florists**

Caladium, Esculentum Bulbs

		Doz.	100	1000
Mammoth.	11 to 12 in. cir.	..\$1.35	\$10.00	\$92.50
First Size.	9 to 11 in. "	.. .85	6.00	52.50
Second "	7 to 9 in. "	.. .50	3.50	30.00
Third "	5 to 7 in. "	.. .30	2.00	16.00

Callas

		Doz.	100
Spotted Foliage.	White flower.....	\$0.60	\$4.00
Black .....		.85	6.00
Elliottiana.	Yellow	each 20c. 2.00	15.00

Cinnamon Vine

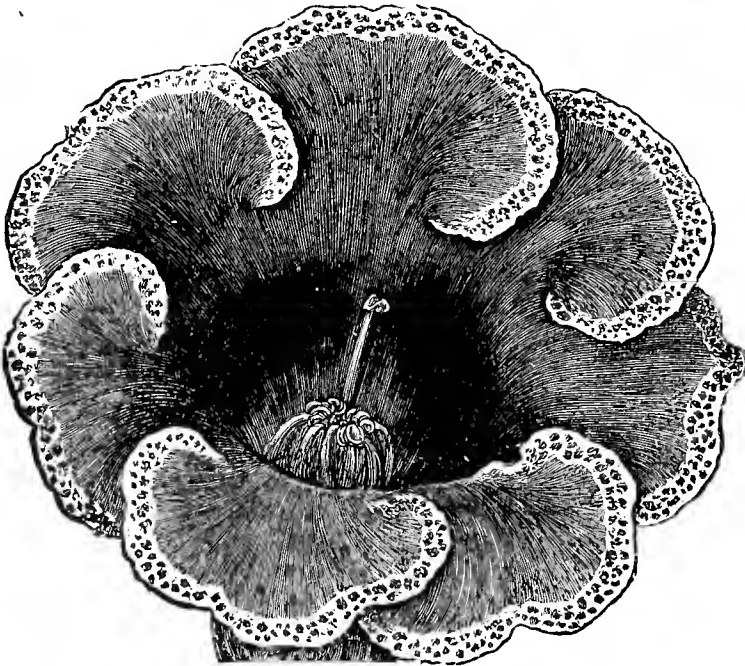
Extra Strong Tubers. 40c. per doz.; per 100, \$3.00.

Cycas Revoluta

Strong Healthy Stems. (Ready in March.) 25 lbs., \$2.25; \$8.50 per 100 lbs., 300 lbs. for \$24.00.

Hyacinthus

Candicans. White flowering; very desirable for planting in borders. Doz. 35c., \$2.50 per 100.



Gloxinias Bulbs

Giant Flowering Strain

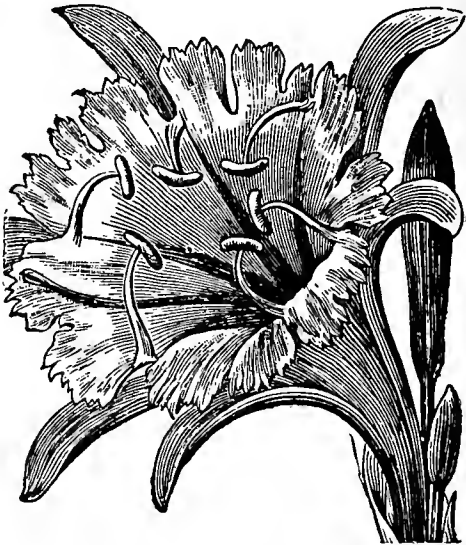
	Doz.	100	1000
Red and Scarlet.....	\$0.60	\$3.25	\$30.00
Blue .....	.60	3.25	30.00
Scarlet Bordered White.....	.60	3.25	30.00
Blue Bordered White.....	.60	3.25	30.00
White Spotted Scarlet.....	.60	3.25	30.00
White .....	.60	3.25	30.00
Choicest Mixed .....	.50	3.00	27.50
Waterloo. Deep purple, bordered carmine...	1.25	9.00	
Meteor. Carmine, edged white.....	1.25	9.00	
Graf Zeppelin. Carmine, fringed.....	1.25	9.00	
Nixe. White, bordered blue.....	1.00	7.50	
Marienthaler Kind. Deep crimson, bordered rose	1.00	7.50	

Ismene Calathina (Pancratium Lily)

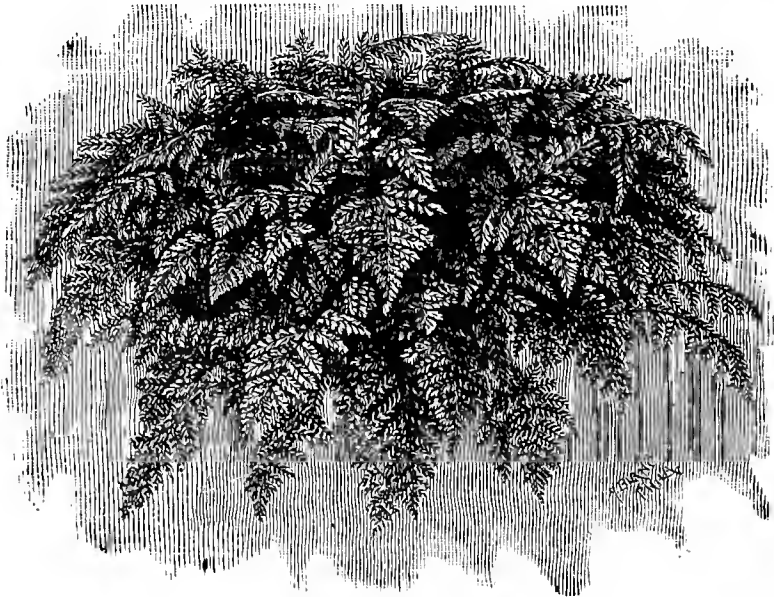
One of the choicest of our summer flowering bulbs, blooming profusely during the entire season, flowers a beautiful waxy white and deliciously fragrant. Bulbs are not hardy and should be removed to the house in October. These sell readily as a bulb or flower, and for summer funeral work are equal to lilies. **Giant bulbs** 10c. each, per doz. 90c., \$6.50 per 100 (see opposite cut).

Japanese Fern Balls (Dormant)

A very attractive novelty. Finds a ready sale when in foliage.



	Each	Doz.	100	1000
Large size.....	\$0.25	\$2.75	\$22.50	\$200.00
Medium size.....	.20	2.00	15.00	135.00



Japanese Fern Ball (in foliage)

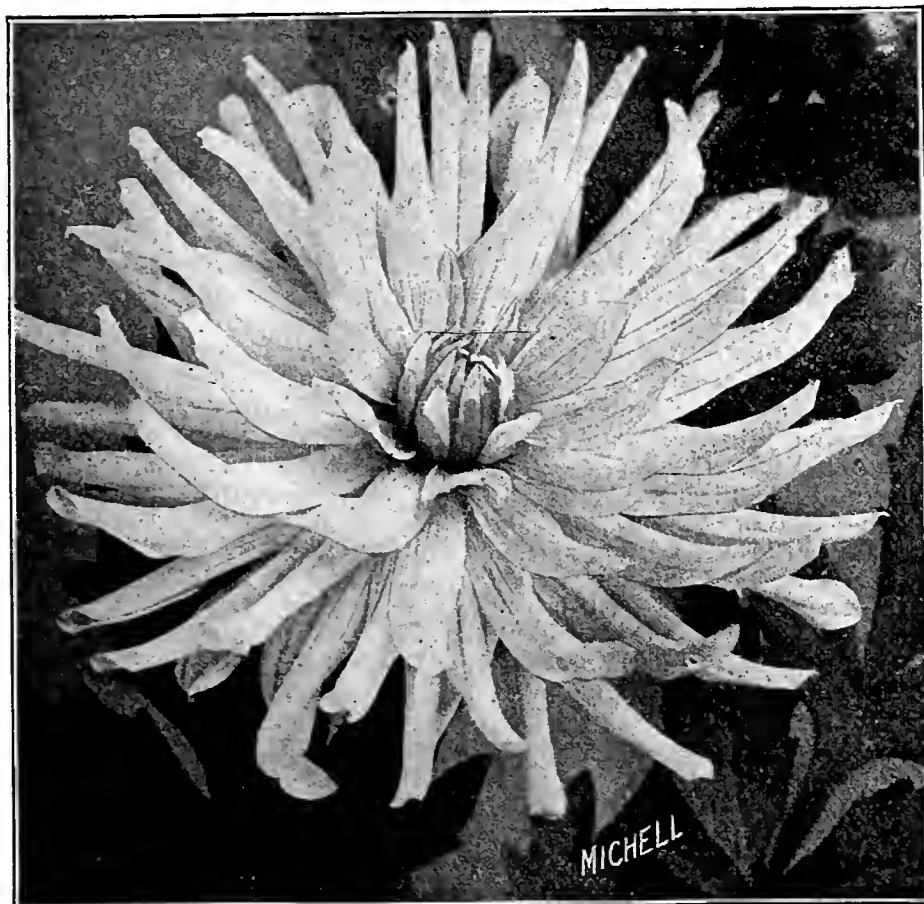
For full description of all bulbs and plants offered in this book, consult our Retail Catalog. Mailed free.

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.

Michell's Superb Dahlias (Strong Roots)

59

Our trade among Florists for high-class Dahlias for cut flowers has increased to such proportions that we made extensive preparations for further increase of business in this line. We send out only strong, field-grown roots, which will make heavy plants. If you require anything in this line, you will find our prices right for the quality supplied. We do not handle small divided roots, such as are usually handled in the mail order trade. As the season advances our stock of roots in certain varieties becomes exhausted. In such cases we will send out (unless instructed to the contrary) beginning in May, sturdy plants. These invariably give splendid satisfaction. These varieties have been selected from a long list, on account of their being especially suitable for cut-flower purposes.

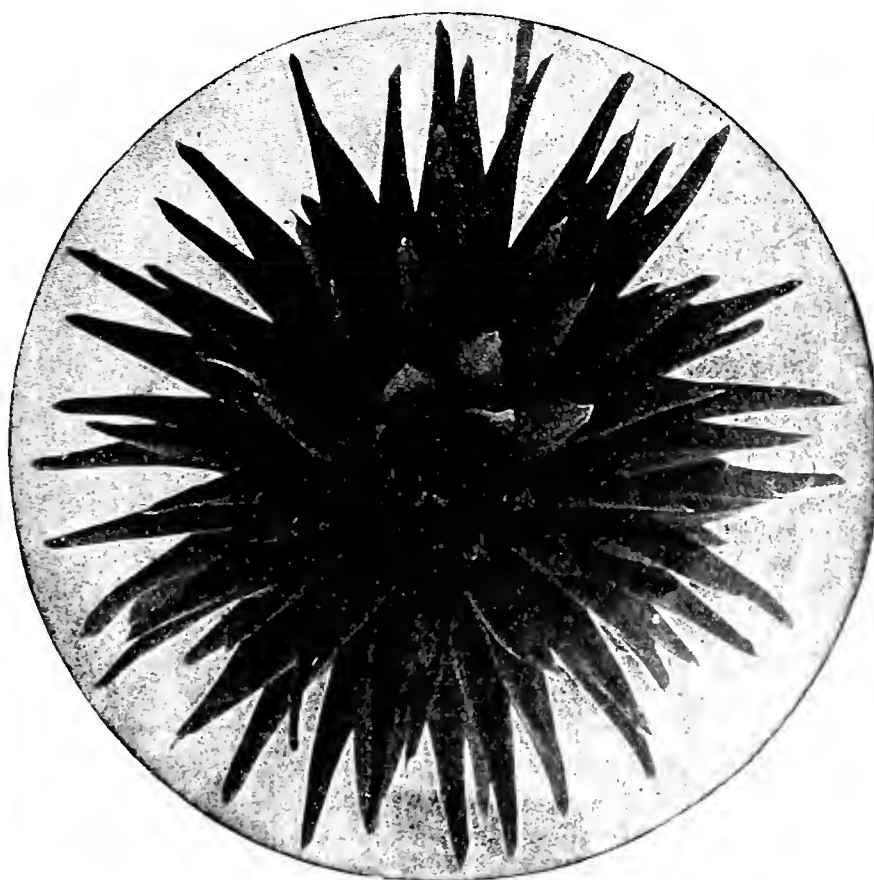


Cactus Dahlia Pink Pearl CACTUS VARIETIES

	Doz.	50	100
Alpha. White, spotted and flushed pink.....	\$1.15	\$4.25	\$6.50
Amos Perry. Rich bright scarlet.....	1.15	4.25	6.50
Atlanta. Large, bright rich red.....	1.15	4.25	6.50
Britannia. Deep salmon.....	1.15	4.25	6.00
Burbank. Brilliant dazzling scarlet.....	1.15	4.25	6.00
Clara J. Stredwick. Salmon flush, shaded darker	1.00	3.75	6.00
Cocatoo. Lemon yellow, shaded rose, with pure white centre petals; sometimes entirely yellow and white.....	1.15	4.25	6.50
Comet. Silvery rose, speckled and splashed crimson	1.15	4.25	6.50
Comrade. Fawn colored.....	1.00	3.75	6.00
Country Girl. Deep golden yellow, shaded salmon rose	1.25	4.25	7.00
Countess of Lonsdale. Amber and salmon pink	1.15	4.25	6.00
Floradora. Dark velvety crimson.....	1.00	3.75	6.00
F. H. Chapman. Yellow, shaded deep orange	1.15	4.25	6.50
F. A. Wellesley. Bright crimson.....	1.15	4.25	6.50
Galliard. Scarlet crimson.....	1.00	3.75	6.00
General Buller. Velvety maroon tipped white	1.15	4.25	6.00
H. F. Robertson. Pure deep yellow.....	1.15	4.25	6.50
Island Queen. Soft lavender pink.....	1.00	3.75	6.00
J. B. Briant. Golden yellow, changing to soft yellow	1.00	3.75	6.00

SPECIAL NOTE.—On account of the low prices we have made on Dahlias no order for less than 6 of a kind will be supplied at dozen rates quoted in this catalogue. Such orders will be priced from our retail list at a discount of 20% from retail prices; 25 Dahlias of a variety in this catalogue will be priced at the 50 rate, and *not less than 100* of a kind will be supplied at the 100 rate quoted in this catalogue; 75 will be priced at the pro rata rate for 50.

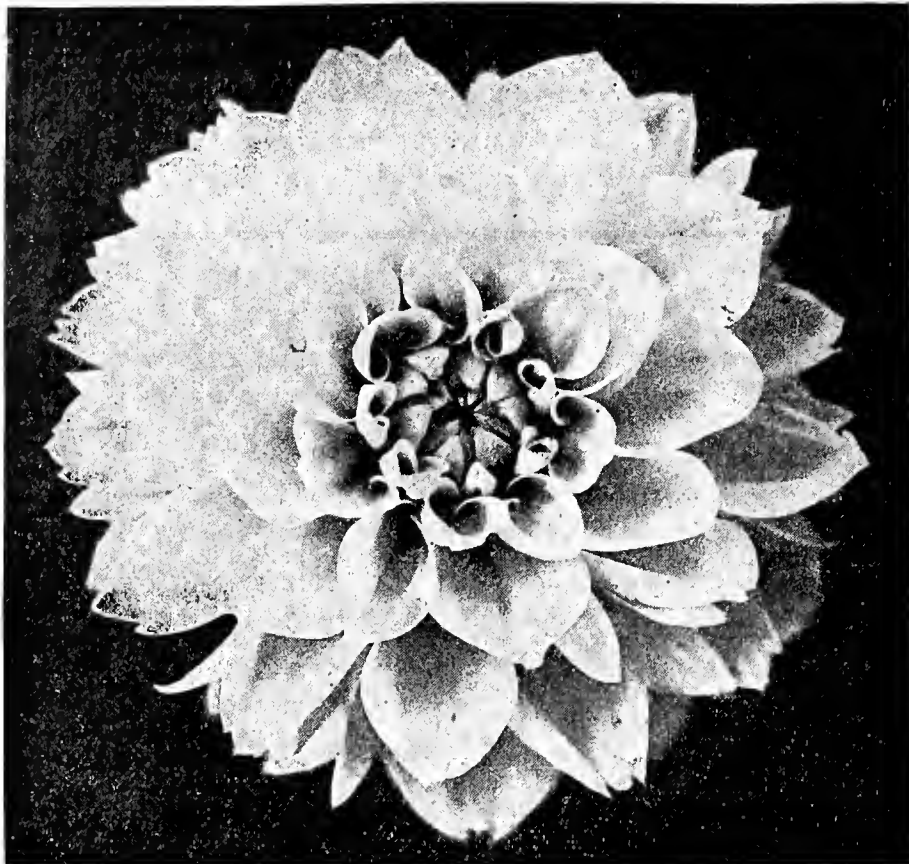
	Doz.	50	100
J. H. Jackson. Deep rich maroon.....	\$1.15	\$4.25	\$6.50
Keynes White. Fine pure white.....	1.15	4.25	6.50
Kriemhilde. Pink, white centre.....	1.15	4.25	6.50
Leuchtfeuer. Bright blood red.....	1.15	4.25	6.00
Libelle. A distinct shade of purple.....	1.35	5.25	7.50
Lovely. Violet rose, shaded white.....	2.00	6.25	10.00
Mabel Tullock. Soft rosy pink.....	1.00	3.75	6.00
Mary Farnsworth. Pure yellow, tipped white	1.15	4.25	6.00
Mary Service. Yellow and salmon, suffused lavender	1.00	3.75	6.00
Master Carl. Bright amber.....	1.35	5.25	8.00
Mrs. De Luca. Golden yellow, tipped orange	1.15	4.25	6.50
Mrs. Edward Mawley. Pale lemon yellow..	1.15	4.25	6.00
Mrs. H. J. Jones. Red, striped white.....	1.25	4.25	7.00
Mrs. James P. Mace. Light pink.....	1.00	3.75	6.00
Mrs. Freeman Thomas. Clear yellow, shaded lighter	1.15	4.25	6.00
Osprey. Yellow, striped scarlet.....	1.00	3.75	6.00
Prince of Yellows. Rich canary yellow.....	1.00	3.75	6.00
Princess. Clear rose pink.....	1.00	3.75	6.00
Queen Alexandra. Soft salmon, suffused pink	1.00	3.75	6.00
Rene Cayeux. Rich blood red.....	2.75	10.00	16.50
Roland von Berlin. Bright scarlet.....	1.25	4.25	7.00
Rosine. A pleasing shade of pink.....	1.15	4.25	6.50
Ruth Forbes. Clear pink.....	1.35	5.25	8.00
Siegfried. Rich creamy white.....	1.15	4.25	6.00
Spotless Queen. Pure white.....	1.15	4.25	6.00
Standard Bearer. Bright scarlet.....	1.00	3.75	6.00
Strahlen Krone. Intense cardinal red.....	1.15	4.25	6.00
T. A. Havemeyer. Deep yellow, changing to bronze	1.35	5.25	7.50
The Pilot. Rich velvety crimson.....	1.00	3.75	6.00
Thuringia. Fiery red.....	1.00	3.75	6.00
Uncle Tom. Very dark maroon.....	1.15	4.25	6.00
Victor v. Scheffel. Deep rose pink.....	1.15	4.25	6.00
Volker. Clear canary yellow.....	1.15	4.25	6.00
Winsome. Clear ivory white.....	1.00	3.75	6.00



Cactus Dahlia J. H. Jackson

Michell's Superb Dahlias for Florists

(EXTRA STRONG ROOTS)



Show or Double Dahlia Dorothy Peacock

Decorative Varieties

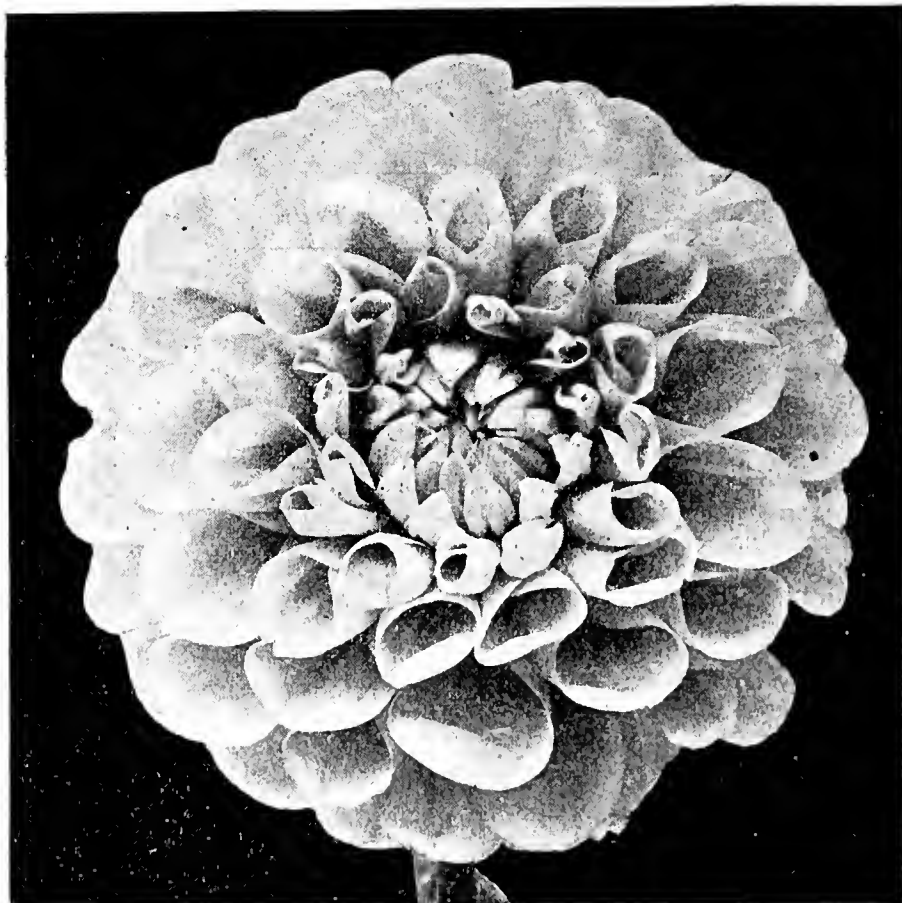
	Per doz.	Per 50	Per 100
Admiral Dewey. Brilliant purple.....	\$1.10	\$3.75	\$6.00
Augusta Nonin. Clear scarlet.....	1.35	5.25	9.00
Beauty of Brentwood. Plum, striped maroon.....	1.10	3.50	6.00
Black Beauty. Dark velvety maroon.....	1.10	3.75	6.00
C. W. Bruton. Canary yellow.....	1.10	3.50	6.00
Catharine Duer. Crimson scarlet.....	1.10	3.75	6.00
Claribel. Bright purple.....	1.10	3.50	6.00
Delice. Brilliant pink.....	2.00	6.25	11.00
Denver. Yellow, shaded red.....	1.10	3.50	6.00
Dr. Gates. Exquisite pink.....	1.10	3.75	6.50
Eureka. Clear rose.....	1.10	3.75	6.50
Flora. Pure white.....	1.10	3.75	7.00
Frank L. Bassett. Bright purple.....	1.10	3.75	7.00
Henry Patrick. Pure white.....	1.10	3.75	7.00
Jack Rose. Rich crimson.....	1.10	3.50	6.00
Jumbo. Deep scarlet.....	1.10	3.50	6.00
Kaiserin Augusta Victoria. Pure white.....	1.50	4.50	8.00
La France. Rose pink.....	1.10	3.75	6.50
Lyndhurst. Bright scarlet.....	1.10	3.75	7.00
Mad. Van den Dael. Shell pink.....	1.50	5.00	8.50
Maid of Kent. Red, tipped white.....	1.10	3.50	6.00
Marchioness of Bute.	1.10	3.50	6.00
Mephisto. Vermillion scarlet.....	1.10	3.50	6.00
Miss Minnie McCullough. Yellow, shaded bronze.....	1.10	3.75	7.00
Miss Nellie Stewart. White, shaded pink.....	1.10	3.75	7.00
Mrs. Chas. Turner. Canary yellow.....	1.10	3.50	6.00
Mrs. Winters. Pure white.....	1.10	3.50	6.00
Orange King. Rich orange.....	1.10	3.50	6.00
Salmon Queen. Soft salmon.....	1.10	3.50	6.00
Souvenir de Gustave Doazon. Red.....	1.50	5.25	9.00
Sylvia. White, shaded pink.....	1.10	3.75	7.00
Wm. Agnew. Scarlet.....	1.10	3.50	6.00
Yellow Duke. Canary yellow.....	1.50	4.50	8.50
Yellow Colosse. Clear yellow.....	1.50	5.25	9.00
Zulu. Maroon.....	1.10	3.50	6.00

Our retail catalogue contains a long list of standard and newer Dahlias. A copy will be sent on request. Our special catalogue on Dahlias, Cannas and Gladiolus will also be found of interest.

Order Dahlia Roots Early. Each season some customers are disappointed by not being able to get roots. This is caused by waiting too long before placing their orders. Stock of some sorts is frequently exhausted as early as March. Orders for Dahlia roots received of a variety, which stock is exhausted, will be filled in strong, thrifty plants about May 1st, unless advised to the contrary. Dahlia plants give splendid satisfaction.

Double or Show Varieties

	Per doz.	Per 50	Per 100
Agent. Soft pink.....	\$1.10	\$3.75	\$6.50
A. D. Livoni. Soft pink.....	1.10	3.50	6.00
Alice Emily. Rich yellow.....	1.10	3.50	6.00
Arabella. Pale primrose.....	1.10	3.50	6.00
Beauty. Snow white.....	1.10	3.50	6.00
Camellia Alba. Dwarf, pure white.....	1.10	3.50	6.50
Carol. White, tinted pink.....	1.10	3.75	6.50
Chas. Lanier. Amber, shaded buff.....	2.00	6.25	11.00
Dorothy Peacock. Pink, white centre.....	2.75	8.75	15.00
Frank Smith. Purple and red.....	1.75	6.00	12.00
Jamaica. Purple, shaded maroon.....	1.10	3.50	6.00
James Vick. Rich plum.....	1.10	3.75	6.50
Lemon Beauty.	1.10	3.75	6.50
Miss Dodd. Yellow.....	1.10	3.50	6.00
Mrs. Langtry. Cream, peach and purple.....	1.10	3.75	6.50
Paul's Scarlet. Light scarlet.....	1.10	3.50	6.00
Queen of Yellows. Clear yellow.....	1.10	3.50	6.00
Queen Victoria. Deep yellow.....	1.10	3.75	6.50
Red Hussar. Scarlet crimson.....	1.10	3.50	6.00
White Swan. Snow white.....	1.10	3.75	7.00



Show Dahlia Red Hussar

Special Note.—On account of the low prices we make on Dahlias, no orders for less than 6 of a kind will be supplied at dozen rates quoted in this catalogue. Such orders will be priced from our retail list at a discount of 20 per cent. from retail prices. 25 Dahlias of a variety in this catalogue will be priced at the 50 rate. **Not less than 100 of a kind** will be supplied at the 100 rate, quoted in this catalogue. 75 will be priced at the pro rata rate for 50.

Michell's Superb Dahlias for Florists (Extra Strong Roots) ⁶¹



Dahlia Delice (See page 60)

Paeony Flowered Dahlias

	Doz.	50	100
Germania. Dark velvety wine color.....	\$1.10	\$3.75	\$6.50
Herzog Heinrich. Beautiful light red.....	1.10	3.50	6.00
King Leopold. Creamy white and yellow.....	1.50	5.25	9.00
Paul Kruger. Striped, white and red.....	1.50	5.25	9.00
Queen Emma. Rich pink.....	1.10	3.50	6.00
Queen Wilhelmina. Finest pure white.....	1.10	3.75	6.50

Fancy Dahlias

Elois. Blush pink, shaded white.....	1.10	3.75	7.00
Frank Goodman. Rich purple, tipped white.....	1.10	3.50	6.00
Keystone. Pink, striped crimson.....	1.10	3.50	6.00
Lucy Fawcett. Yellow, spotted rose.....	1.50	4.50	8.00
Mrs. Stancombe. Light yellow, suffused amber.....	1.10	3.50	6.00
Progress. Soft rose, spotted crimson.....	1.10	3.50	6.00
Penelope. White, flaked lavender.....	1.10	3.75	6.50
Uncertainty. Varies from white, marbled blush and carmine to crimson maroon.....	1.50	4.50	8.00

Single and Century Dahlias

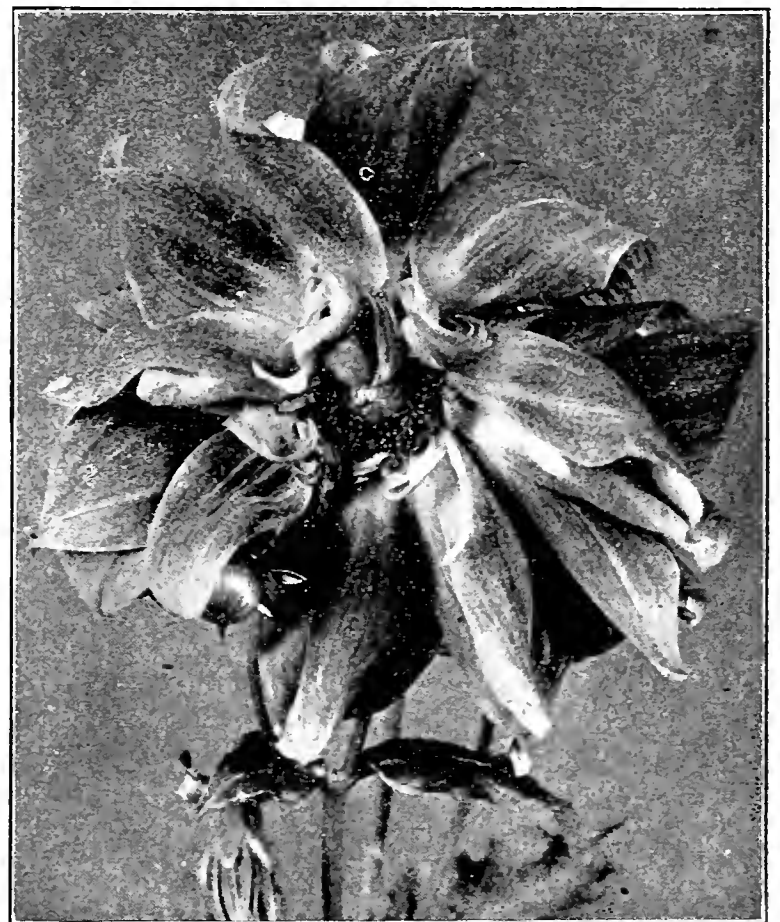
Amy Barrilet. Rich garnet.....	1.10	3.75	7.00
Big Chief. Cherry red, edged maroon.....	1.10	3.75	7.00
Gaillardia. Golden yellow.....	1.10	3.75	7.00
Gorgeous. Fiery scarlet.....	1.10	3.75	7.00
Jack. Brilliant scarlet.....	1.50	4.50	8.00
Maroon Century. Rich maroon.....	1.10	3.75	7.00
Striking. Maroon, tipped white.....	1.10	3.75	7.00
White Perfection. Pure white.....	2.75	8.75	15.00
Yellow Century. Buttercup yellow.....	1.10	3.75	7.00
Twentieth Century. Rosy crimson and white.....	1.00	3.75	7.00
Variegated Liszt. Dark red, shaded bronze.....	1.10	3.75	7.00

SPECIAL NOTE. On account of the low prices we made on Dahlias, no orders for less than 6 of a kind will be supplied at the dozen rates quoted in this catalogue. Such orders will be priced from our retail list at a discount of 20 per cent. from retail prices. 25 Dahlias of a variety in this catalogue will be priced at the 50 rate. **Not less than 1000 of a kind** will be supplied at the 100 rate, quoted in this catalogue. 75 will be priced at the pro rata rate for 50.

Pompon Dahlias

	Doz.	50	100
Alewine. White, flushed pink.....	\$1.10	\$3.75	\$7.00
Allie Maurey. Light pink, tipped-deeper pink	1.10	3.75	7.00
Fairy Queen. Sulphur yellow, edged peach	1.10	3.75	7.00
Indian Chief. Crimson.....	1.10	3.75	7.00
La Petite Jean. Rich crimson.....	1.10	3.75	7.00
Philip Freud. Orange salmon.....	1.10	3.75	7.00
Snowclad. Pure white.....	1.10	3.75	7.00
Splendens Imbricata. Bright red...	1.10	3.75	7.00

If you are interested, ask for our complete catalogue of Dahlias, Cannas and Gladiolus.



Paeony Flowered Dahlia

Dahlias

Mixed and to Color (Our Selection)

	Doz.	100
Double White	\$0.85	\$6.00
" Pink .....	.85	6.00
" Red .....	.85	6.00
" Yellow .....	.85	6.00
" Mixed, all colors.....	.80	5.50
Single Mixed, all colors.....	.80	5.50
Cactus, all colors.....	.80	5.50

Dahlia and Vegetable Exhibit

On September 24, 25, 26 and 27, 1914, we will hold our Sixth Annual Exhibition. This is an interesting event in Philadelphia.

MICHELL'S GLADIOLUS

The gladiolus to-day occupies just as important a place among cut flowers to be grown by florists as the Chrysanthemum or Sweet Pea. Its constantly increasing popularity with the general public is productive of a greater demand for forced flowers in the early spring, and the progressive florist of to-day cannot afford to let sales slip by. When they are forced during the winter and early spring months blooming from April till June, \$2.00 a dozen spikes is often paid for them wholesale, and what can you grow that will earn you more net profit. Some of the largest growers plant them between carnations and thus get a double crop out of the house, the carnation temperature being just right for the gladiolus. Not all varieties are suitable for forcing, but what we offer on this page have been successfully forced and are especially recommended.

To grow them successfully under glass, the following should be observed: From January on they should be planted in successive batches; to extend the flowering season for a long period. For early forcing avoid high temperatures, 50° at night and 60° during the day will give good results. It requires at least 12 weeks to bring them into bloom. After April 1st start some bulbs in the greenhouse in flats planted closely and cover them with sand. When roots are about an inch long, plant them in a cold-frame. This method will bring flowers fully one month ahead of outdoor planted stock. Keep gladioli bulbs near the surface; feed by mulching the ground with manure and water liberally when dry. Gladiolus should be staked to prevent them falling. They delight in moisture when well advanced in growth, but too much of it in the early stages may mean failure.

SPECIAL FORCING VARIETIES

ALSO SUITABLE FOR OUTDOOR PLANTING

Pink Augusta (Novelty 1912.) Every grower knows that the White Augusta to-day is the ideal florist gladioli on account of its splendid habits. As a companion we have secured this very fine novelty, a lovely soft pink which we know will become, in a short time, as popular. We recommend it highly and want every florist to try it. Doz. 40c., \$2.75 per 100, per 1000 \$22.00.

Rochester White. One of the finest white varieties, being absolutely pure without marking of any other shade. The spike is erect and completely covered by the gigantic open flowers. 60c. each, doz. \$6.00.

Kunderdi Glory. Introduced by us in 1911. This variety received not less than 10 distinct awards during the past season in Europe and America. The ruffled petals give this flower an original appearance and everyone who has seen it is delighted therewith. Color, cream pink with a faint blood-red stripe through the throat; splendid forcer; very healthy and robust. Doz. 80c., \$5.50 per 100, per 1000 \$52.50.

America. The finest of all gladiolus; delicate pink, robust straight stem and giant flowers of delicate texture; forces readily and sells at sight;

Extra Selected Bulbs. 30c. per doz., per 100 \$2.00, \$17.00 per 1000.

First Size Bulbs. 25c. per doz., per 100 \$1.80, \$16.00 per 1000.

Augusta. A pure white flower, slightly pencilled in throat; all flowers open at one time. Straight spike, 3 feet, covered with flowers; one of the most popular sorts. 35c. doz., per 100 \$2.25, \$20.00 per 1000.

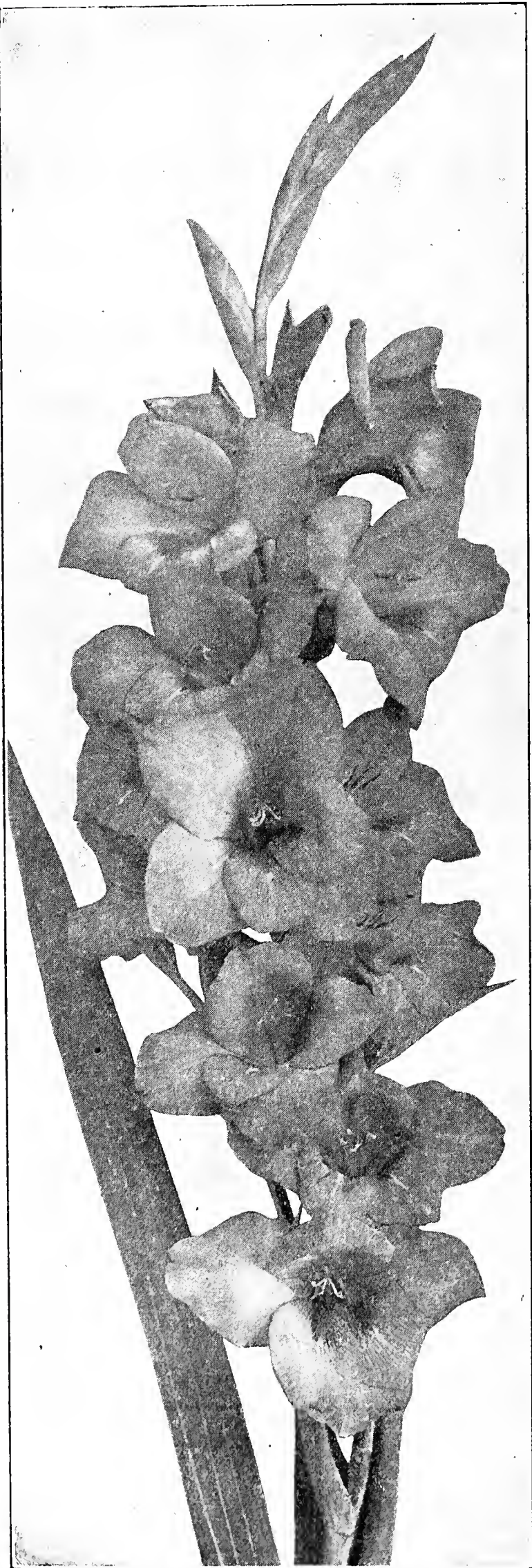
May. White, pencilled crimson, one of the old standbys; compact, well-formed spikes, forces easily and always sells. 40c. doz., per 100 \$2.25, \$20.00 per 1000.

Brenchleyensis. Bright, brilliant scarlet; straight stem, showing all flowers at one time; a showy glorious bright flower with all good qualities combined; easy forcer, 20c. doz., per 100 \$1.25, \$12.00 per 1000.

Shakespeare. White flaked carmine, striped pink. For many years this has been the leading forcing gladiolus and is grown in enormous quantities to-day. 80c. doz., per 100 \$5.50, \$50.00 per 1000.

Mrs. Francis King. Gigantic spikes often 4½ feet high, well arranged with enormous flowers of the most brilliant soft scarlet. A splendid forcer and a color that sells readily. Doz. 40c., \$2.25 per 100, per 1000 \$17.50.

Wm. Falconer. The most pleasing shade of light pink, flowers are very open, extremely large with many of them showing at one time. Doz. 75c., \$6.00 per 100, \$50.00 per 1000.



Gladiolus Mrs. Francis King

Be Progressive. "Plant Gladiolus." In Big Demand.

Named Varieties (Continued)

Attraction. Enormous flower, deep rich crimson with which blotch in throat. Doz. 50c., \$3.50 per 100, \$32.50 per 1000.

Baron Hulot. Rich deep indigo blue, the only true blue variety. Doz. 75c., \$4.50 per 100, \$38.00 per 1000.

Canary Bird. Soft light yellow, giant flowers. Doz. 75c., \$5.50 per 100, \$50.00 per 1000.

Cardinal. Intense cardinal red; spike and flower perfect. Doz. \$1.25, \$8.50 per 100, \$82.50 per 1000.

Contrast. Color intense scarlet with distinct pure white centre. Doz. \$3.50, \$25.00 per 100.

Dawn (Groff's). Peachblow pink, gigantic flowers. Doz. \$6.00, \$45.00 per 100.

Eugene Scribe. Beautiful tender rose, shaded deeper. Doz. 60c., \$4.50 per 100, \$42.50 per 1000.

Europe (New). Gigantic flowers of purest white without a trace of any other color. Spike averages 25 blossoms. It has received highest awards at every exhibition where shown. \$6.00 doz., per 100 \$45.00.

Geo. Paul. Rich crimson, heavy bloomer. Doz. 70c., \$4.50 per 100, \$42.50 per 1000.

I. S. Hendrickson. Mottling of pink and white. Doz. 70c., \$5.00 per 100, per 1000 \$45.00.

Jean Dieulafoy. Cream white, red blotched. Doz. \$1.25, \$8.00 per 100, \$75.00 per 1000.

Kate. Blush white, crimson throat. Doz. 50c., \$3.75 per 100, per 1000 \$33.50.

Klondyke. Primrose, blotched crimson in throat. Doz. 50c., \$3.00 per 100, \$26.00 per 1000.

La Luna (Groff's). Primrose yellow, shaded cream white. Doz. \$4.50, \$35.00 per 100

Lemon Drop. Light yellow, with a bright yellow throat. 70c. per doz., per 100 \$5.00, \$45.00 per 1000.

Mephistopheles. Bright red, marked yellow. Doz. \$1.00, \$7.00 per 100, per 1000 \$65.00.

Mrs. Frank Pendleton, Jr. Without a doubt this is the finest of the bright colored gladiolus. The flower resembles a gigantic gloxinia and makes a show hard to describe. A rich, delicate salmon pink, blotched rich maroon. \$4.00 doz., per 100 \$27.50.

Nezinscott. Bright blood red with velvety blotches, mottled white. 75c. per doz., per 100 \$5.50, \$50.00 per 1000.

Niagara (New). A shade of rich cream combined with canary yellow. The form and habit of this variety is exactly like America, except that the spike grows taller. Doz. \$2.00, \$15.00 per 100.

Panama (New). Fully equal of America and superseding it in color, which is more on the order of salmon pink. 40c. each, doz. \$3.75, \$27.50 per 100.

Peace (New). A grand pure white flower with just a slight marking of a lilac feather on the lower petal. The plant is very robust, 5 feet high and shows the enormous flowers well placed all along the stem. "Peace" flowers mid-season and late, when the best of other gladiolus are gone. Doz. \$1.50, \$10.00 per 100, \$90.00 per 1000.

Primulinus. Canary yellow, very distinct. Doz. \$1.50, \$10.00 per 100.

Primulinus Major Hybrids. Various shades of yellow. Doz. 85c., \$6.00 per 100.

Princeps. A giant gladiolus, dazzling scarlet. Doz. 70c., \$5.00 per 100, \$45.00 per 1000.

Rosella. Delicate pink, white throat. Doz. 85c., \$6.00 per 100, \$57.50 per 1000.

Scarsdale. Lavender, very fine. 85c. per doz., \$6.00 per 100, \$50.00 per 1000.

Scribe. Large spike, enormous flower, rose flaked carmine tinted white. 75c. per doz., per 100 \$5.00, \$45.00 per 1000.

Sulphur King. Exquisite sulphur yellow. Doz. \$1.75, \$12.50 per 100.

Sunlight. Crimson with canary yellow throat. Doz. 60c., \$3.50 per 100, \$32.50 per 1000.

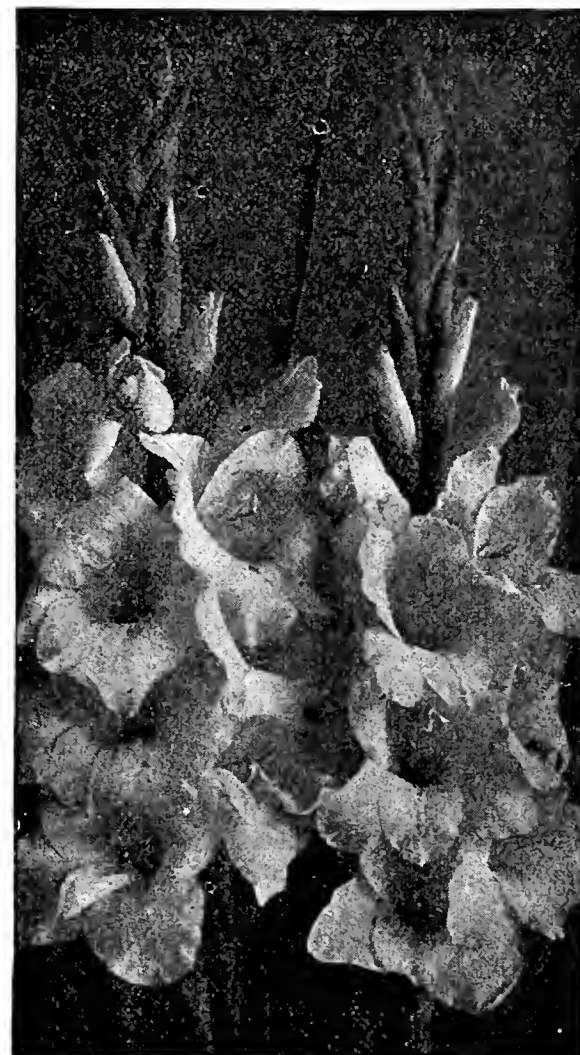
Taconic. Pink, flecked and striped crimson. Doz. 80c., \$6.00 per 100, \$52.50 per 1000.

Victory. Sulphur yellow, blotched maroon. Doz. 80c., \$5.00 per 100, \$47.50 per 1000.

Wild Rose. Delicate pink. Doz. \$1.00, \$7.00 per 100, \$65.00 per 1000.

UNNAMED GLADIOLUS (Separate Colors)

	Doz.	100	1000
Pink and Rose.....	\$0.25	\$1.75	\$14.00
Scarlet and Crimson.....	.20	1.35	12.50
Striped and Variegated .....	.35	2.25	20.00
White and Light Colors (Michell's Special Florists' Mixture). This mixture is blended under our own supervision.....	.35	2.50	20.00
White and Light (Regular Strain).....	.25	1.75	15.00
Yellow and Orange, all Shades.....	.50	3.75	35.00



Gladiolus America (See opposite page)

MIXTURES OF GLADIOLUS

	Doz.	100	1000
Childsii Mammoth Flowering. All colors..	\$0.30	\$2.00	\$17.50
Choice Mixed .....	.18	1.00	9.00
Extra Choice Mixed.....	.20	1.10	10.00
Groff's New Hybrids, Extra Fine Mixed...	.25	1.50	13.50
Lemoine's Type Mixture. All colors.....	.25	1.50	13.50
Michell's Giant Flowering Mixture.....	.25	1.75	15.00

GOLD MEDAL STRAIN MIXTURES (To Color)

Section 1. Finest shades of red, scarlet and crimson. Doz. 75c., \$6.00 per 100.

Section 2. Finest shades of yellow, delicate pink, rose and white. Doz. \$1.00, \$8.00 per 100.

Section 3. All shades of blue, heliotrope, mauve and lilac. Doz. \$1.50, \$10.50 per 100.

SILVER MEDAL STRAIN MIXTURES (To Color)

Section 1. Red, scarlet and crimson, fine types. Doz. 30c., \$2.00 per 100.

Section 2. Yellow, white and light shade strains. Doz. 60c., \$3.50 per 100.

Section 3. Lilac, heliotrope, light and dark blue. Doz. 65c., \$4.50 per 100.

Gloxinia Bulbs

Large, plump bulbs which will make fine specimen plants.

The named varieties produce gigantic flowers in rich shades of color.

	Doz.	100	1000
Graf Zeppelin. Carmine, fringed edge.....	\$1.25	\$9.00	
Marienthaler Kind. Deep crimson.....	1.00	7.50	
Meteor. Carmine, edged white.....	1.25	9.00	
Nixe. White, bordered blue.....	1.00	7.50	
Waterloo. Deep purple.....	1.25	9.00	
	Doz.	100	1000
Bordered Scarlet.....	\$0.60	\$3.25	\$30.00
Bordered Blue .....	.60	3.25	30.00
Blue .....	.60	3.25	30.00
Red and Scarlet.....	.60	3.25	30.00
Spotted .....	.60	3.25	30.00
White .....	.60	3.25	30.00
Choicest Mixed. All colors.....	.50	3.00	27.50



Lil. Auratum

Hardy Lilies

Hardy Lilies are now planted by many florists. They bloom outdoors in July and August and are extremely useful for decorative purposes. The Auratum, Album and Rubrum are excellent for forcing.

JAPANESE VARIETIES

Auratum (Golden Banded Lily). Enormous flowers, pure white ground spotted brown with yellow striped petals.

Bulbs		Per Case	Doz.	100	1000
8 to 9 inches.....	225	\$0.90	\$5.50	\$50.00	
9 to 11 inches.....	125	1.35	9.00	85.00	

Album (Præcox). Pure white.

Bulbs		Per Case	Doz.	100	1000
8 to 9 inches.....	225	1.25	8.25	77.25	
9 to 11 inches.....	125	1.75	12.50	120.00	

Magnificum. Deep pink, spotted crimson.

Bulbs		Per Case	Doz.	100	1000
8 to 9 inches.....	225	.80	5.50	50.00	
9 to 11 inches.....	125	1.25	8.25	77.50	

Melpomene. Deep pink, spotted dark red.

Bulbs		Per Case	Doz.	100	1000
8 to 9 inches.....	225	.80	5.50	50.00	
9 to 11 inches.....	125	1.35	8.50	80.00	

Rubrum or Roseum. Beautiful pink, spotted crimson.

Bulbs		Per Case	Doz.	100	1000
8 to 9 inches.....	225	.80	5.50	50.00	
9 to 11 inches.....	125	1.35	8.25	77.50	

LILIUM TIGRINUM (Tiger Lily)

Orange, spotted brown.

Bulbs		Per Case	Doz.	100	1000
Single (Imported bulbs)	\$0.80	\$5.50	\$50.00		
Double (Imported bulbs)	1.00	6.00	55.00		

NATIVE LILIES

Canadense. Bright yellow.....\$0.75 \$5.25

Canadense Rubrum. Crimson, spotted black.....1.35 10.50

Elegans Painted Chief. Bright red.....1.25 8.00

Elegans Leonard Joerg. Apricot pink.....1.25 9.00

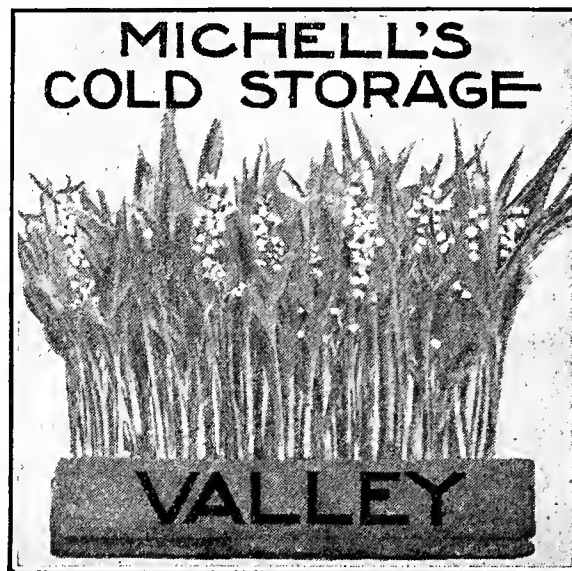
Hansoni. Reddish orange.....3.75 30.00

Henryi. Orange yellow.....6.00 45.00

Superbum. Orange red......85 5.50

Tenuifolium. Brilliant scarlet. 1.00 7.00

Umbellatum. Orange scarlet.. .85 6.00



Cold Storage Lily of the Valley

For a number of years we have made a specialty of this, and our strains are reputed to be among the finest. We have them packed in convenient quantities as noted below. Cold Storage Valley is shipped by express, unless otherwise instructed, when it must travel at purchaser's risk.

Michell's Fancy Giant Flowering. This invariably produces 15 or more large bells on long spikes, when properly grown.

Delivery January to June 30th

Per 100.....	\$2.50	Per 1000.....	\$17.50
Per 250.....	4.75	Per 2000.....	34.00
Per 500.....	9.00		

Delivery July 1st to December 31st

Per 100.....	\$2.75	Per 1000.....	\$18.00
Per 250.....	5.00	Per 2000.....	35.00
Per 500.....	9.50		

LILY OF THE VALLEY CLUMPS

For outside planting, stock is usually exhausted after May 15th. \$2.00 per doz., per 100 \$15.00, \$140.00 per 1000.



Tuberose

Our Tuberose bulbs are all hand selected and may be depended upon to bloom.

Mammoth Pearl.

Double pure white. First size bulbs, doz. 20c., \$1.00 per 100, \$9.00 per 1000.

Bulbs		Per Case	Doz.	100	1000
Variegated Leaved.	Doz.	100	1000		
Double white	\$0.25	\$1.50	\$12.00		
Albino. Single white	.25	1.50	12.00		

When ordering Tuberose please state when shipment is desired.



Cold Storage Lilies

For forcing in all seasons, they bloom in 12 to 14 weeks. Every progressive florist should, from time to time, force a batch of these, as they are money-makers.

Important Note.—Always unpack immediately all cold storage Lilies on arrival. We forward these bulbs by express; if desired by freight, they travel at purchaser's risk.

Headquarters For Cold Storage LILIUM GIGANTEUM

For delivery during 1914

Size	No. of Bulbs per Case	Per 100	Per Case	Per 1000
6-8	350	\$6.50	\$18.50	\$52.50
7-9	250	8.50	17.50	70.00
7-9	300	8.50	21.00	70.00
8-10	200	9.50	18.00	85.00
9-10	200	13.50	24.00	115.00

OTHER LILIES FROM COLD STORAGE

Bulbs		Inch	Per Case	100	Case
Roseum	.....	8-9	225	\$7.25	\$16.00
"	.....	9-11	125	10.75	13.25
Magnificum	.....	8-9	225	7.25	16.00
"	.....	9-11	125	10.75	13.25
Melpomene	.....	8-9	225	7.25	16.00
"	.....	9-11	125	10.75	13.25
Album	.....	8-9	225	10.75	23.50

Mexican or Madeira Vine

Bulbs		Doz.	100	1000
Strong Roots or Tubers	\$0.30	\$2.00	\$17.50	

Oxalis (Summer Flowering)

Bulbs		Doz.	100	1000
Deppi. White	.....	\$0.10	\$0.75	\$6.00
Lasiandra. Pink	.....	.10	.75	6.00

ZEPHYRANTHES (See Amaryllis (Page 56))

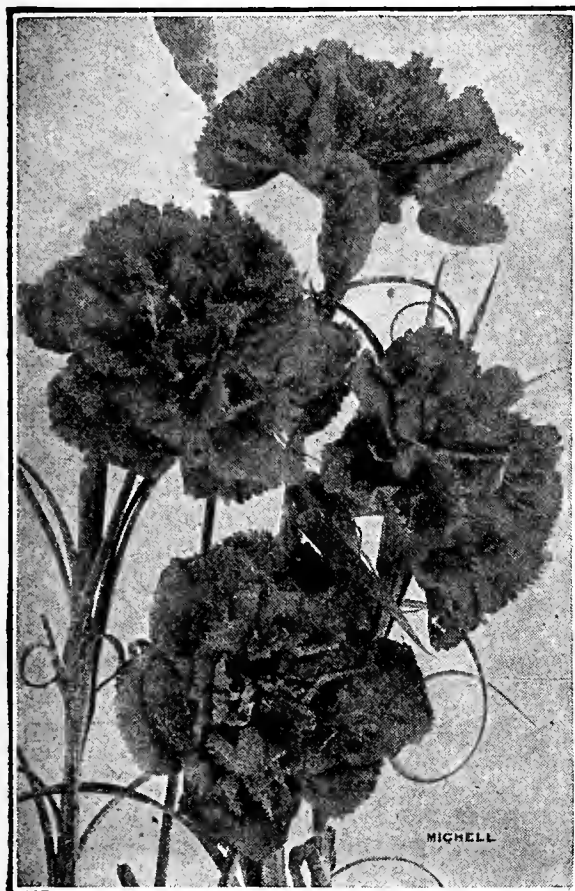
New Carnations, Chrysanthemums and Roses

65

A very large grower in Connecticut has undertaken to grow most all of the stock offered on this page. His reputation has no equal in the United States for quality. All shipments are made direct from his establishment under our name, so to insure receiving them promptly and in first-class condition. This class of stock is shipped by express only. It is all offered subject to being unsold when your order is received. **6 of a variety at dozen rate, 25 at 100 rate, 250 at 1000 rate.**

Carnations

(Strong Rooted Cuttings, ready after January 1st)



Carnation Gorgeous

Philadelphia. This variety, named after our home city, originated in Detroit. It is a cross between Beacon and Winona, combining all the good qualities of both and yet excels each of them. The color is a true rose pink, a shade which shows up wonderfully well under artificial light. The flowers average $3\frac{1}{2}$ to 4 inches in diameter. It is the stiffest and longest stemmed variety in existence to-day. It is absolutely non-splitting and of an exceptionally strong constitution, of wonderful root action, which means vigor and an ability to produce, and of continuous flowering habit. Our orders are filled by the originator, whose

prices we quote, so in buying from us you are procuring your stock from first hands. Strong, vigorous-rooted cuttings, ready after January 1st. \$2.00 per doz., 25 for \$3.50, \$12.00 per 100, \$100.00 per 1000. 250 at 1000 rate. Doz. 100 1000

Princess Dagmar. Rich dark crimson.	\$2.00	....	\$12.00	\$100
Gloria. The brightest pink in existence.	2.00	....	10.00	100
Gorgeous. Brilliant crimson, suffused with vermilion, shaded rose on the outer edge	50			
	2.00	\$5.50	10.00	100

Novelty Chrysanthemums

Indian Summer. This variety is a sport from Golden Chadwick originating in 1911. This has been grown in large quantity to make certain that the odd color is in demand, and we have satisfied ourselves that there is a demand for Indian Summer from those who know how to use flowers. Being a sport of Chadwick, the habit and growth being identical, there is no necessity for enlarging upon the success of the variety from the growing standpoint. In color the groundwork is yellow, but into this is blended the terra cotta and salmon shades with a tinge of bronze. Plants from $2\frac{1}{4}$ -inch pots, 50c. each, \$5.00 per doz., \$35.00 per 100. No rooted cuttings of this novelty.

Greystone. A seedling from Brutus and Soleil d'Octobre, and a most beautiful golden bronze in color. The specimen plant shown at the Museum of Natural History at New York carried one thousand blooms of large size, and was the finest specimen ever exhibited. Plants from $2\frac{1}{4}$ -inch pots, 50c. each, \$5.00 per doz., \$35.00 per 100. No rooted cuttings will be sold of this novelty.

New Roses

Killarney Brilliant. A sport from Killarney grown in the open ground in England. Killarney was introduced in 1898 and since then there have been so many sports that Killarney has developed into a type rather than a variety. Messrs. Alexander Dickson & Sons, the original introducers, are to be congratulated, sixteen years after the advent of Killarney, in giving us now this distinct novelty which is undoubtedly the best of all varieties of this type. Killarney Brilliant has the same habit of growth and the same freedom of bloom as its parent, while the flower is twice as large, having 25 to 40 full-sized petals. It will be as useful for summer blooming as for winter forcing. The color is a very brilliant pink and varies like Killarney; in bright weather it is almost crimson, and in dull weather it is as bright as Killarney at its best. The sale of Killarney Brilliant a year before its introduction has been larger than any other Rose ever sent out in this country.

Mme. Edouard Herriot. This variety does not need a wide description. It is already known by having won at the International in May, 1912, the *Daily Mail* Cup, also the Gold Medal at the National Rose Society on May 1, 1913. It is a hardy plant with ample bronzy-green foliage, buds coral red, shaded yellow at the base, mid-sized flower, not too full. A superb coral red in color, shades of yellow and rose de carthame, passing to shrimp red.

Willowmere. Vigorous plant with strong branches, foliage clear green; long bud borne on a strong peduncle, coral-carmine red; very large flower, full, cup-shaped, of a rich shrimp red shaded yellow in the center, with extremity of the petals carmine rose. Said to represent an advance on Lyon Rose.

Prices of any of the above new Roses for 1914

Grafted, $2\frac{1}{4}$ inch, 75c each, \$6.00 per doz., \$35.00 per 100, \$300.00 per 1000.

No own root plants sold of the above named varieties.

Milady. The habit of growth is strong and sturdy and foliage excellent. The flower is large and double and opens perfectly at all seasons of the year. In color it is similar to Richmond, although richer in color in the bud. In form of flower and fragrance it resembles Gen. Jacqueminot and combines with this excellent color, strong growth, great productiveness and wonderful keeping qualities, which strongly recommend the variety as an excellent forcing Rose.

Grafted, $2\frac{1}{4}$ inch, \$2.25 per doz., \$17.50 per 100, per 1000 \$150.00.

Own root, $2\frac{1}{4}$ inch, \$1.75 per doz., \$12.00 per 100, per 1000 \$100.00.

Mrs. Chas. Russell. A strong-growing, free-flowering Rose. With one pinching makes stems four to five feet in length. The foliage is heavy and leathery, inclined to slightly curl on the older wood, is almost mildew proof and never drops the leaves. The bud is fully as large as American Beauty but longer and pointed, and opens into a flower of unusual beauty. The color is a bright rose pink, deeper toward the center. Is a remarkable keeper and shipper.

Grafted, $2\frac{1}{4}$ inch, \$2.25 per doz., \$17.50 per 100, per 1000 \$150.00.

Own root, $2\frac{1}{4}$ inch, \$1.75 per doz., \$12.00 per 100, per 1000 \$100.00.

Mrs. George Shawyer. Brilliant rose pink in color. Flowers large, well formed, fairly full; petals of good substance. Growth is tall and stiff and carries heavy, leathery foliage. From the point of production and quality of bloom this Rose is recognized as one of our best forcing varieties.

Grafted, $2\frac{1}{4}$ inch, \$2.25 per doz., \$17.50 per 100, per 1000 \$150.00.

Own root, $2\frac{1}{4}$ inch, \$1.75 per doz., \$12.00 per 100, per 1000 \$100.00.

Sunburst. In color, orange-copper or golden yellow. Very intense shades and brilliant in coloring. It is a strong-growing variety and belongs in the class with big Roses. The foliage and stem are excellent. Owing to the fact that Sunburst has not been a general success grafted, we are offering the variety on its own roots only.

Own root, $2\frac{1}{4}$ inch, \$1.75 per doz., \$12.00 per 100, per 1000 \$100.00.

6 of any one variety at dozen rate, 25 at 100 rate, 250 of a variety at 1000 rate.

NOTE.—Unless so priced, no order for less than 6 of a kind will be filled at the prices quoted on this page. See our Retail Catalogue for small quantities, from which we will allow a discount of 10% on varieties offered on this page.

Michell's Greenhouse and Bedding Plants

Most of the stock on this page is produced for us by an extensive grower in Connecticut, from whose place we make shipments direct to you. His reputation stands unequalled for quality stock.

STANDARD CARNATIONS

(Strong Rooted Cuttings)

Enchantress Supreme. It is a light salmon pink, which endures exposure to the sun without bleaching. \$1.00 per doz., \$6.00 per 100, \$50.00 per 1000.

Beacon. The best scarlet variety. Doz. 100 1000
\$0.60 \$3.50 \$30.00

Benora. The best variegated ever introduced.

Color cream white, beautifully penciled with bright red Doz. 100 1000
.60 3.50 30.00

Eureka. Scarlet seedling from Beacon. Doz. 100 1000
.60 3.50 30.00

Octoroon. Bright crimson in color. Doz. 100 1000
.60 3.50 30.00

White Wonder. Large pure white. Doz. 100 1000
.60 3.50 30.00

Enchantress. Standard shell pink. Doz. 100 1000
.60 3.00 25.00

May Day. An excellent light pink. Doz. 100 1000
.60 3.00 25.00

Mrs. C. W. Ward. Pleasing shade of pink, slightly lighter than Mrs. Lawson. Doz. 100 1000
.60 3.00 25.00

Rosette. A dark pink carnation. Doz. 100 1000
.60 3.00 25.00

White Enchantress. The pure white strain. Doz. 100 1000
.60 3.00 25.00

White Perfection. Perfection of bloom. Doz. 100 1000
.60 3.00 25.00

White Winsor. A pure white sport of Winsor. Doz. 100 1000
.60 3.00 25.00

Winsor. Clear silvery pink. Doz. 100 1000
.60 3.00 25.00

NOTE.—Plants of Carnations can be supplied at an advance over price of rooted cuttings, as follows: From 2¼-inch pots, 50c. per doz.; \$2.00 per 100; 25 at the 100 rate; 250 of a variety at the 1000 rate; 6 of a variety at dozen rate.

NOTE.—No order for less than 6 of a kind will be filled at the prices quoted on this page. For smaller quantities see our Retail Catalogue, from which prices we will allow a discount of 10%.

CHRYSANTHEMUMS Exhibition Sorts

	ROOTED CUTTINGS			2¼" POT PLANTS		
	Doz.	100	1000	Doz.	100	1000
Annie E. Angus. Pure white				\$2.00	\$15.00	
Christy Mathewson. Pure white	\$0.60	\$3.00	\$25.00	.85	4.00	\$37.50
F. E. Nash. Light pink	.60	3.00	25.00	.85	4.00	37.50
Col. Appleton. Yellow	.60	3.00	25.00	.85	4.00	37.50
F. S. Vallis. Yellow dwarf	.60	3.00	25.00	.85	4.00	37.50
Glenview. Deep bronze	.60	3.00	25.00	.85	4.00	37.50
Harry E. Converse. Crimson	.60	3.00	25.00	2.00	15.00	
Lady Hopetoun. Light pink	.60	3.00	25.00	.85	4.00	37.50
Manhattan. Delicate pink	.60	3.00	25.00	.85	4.00	37.50
Mary Donellan. Golden yellow	.60	3.00	25.00	.85	4.00	37.50
Mary Mason. Rosy bronze	.60	3.00	25.00	.85	4.00	37.50
M. Louiseau Rousseau. Pink	.60	3.00	25.00	.85	4.00	37.50
Mrs. Gilbert Drabble. Pure white				2.00	15.00	
Mrs. J. E. Dunne. Salmon	.60	3.00	25.00	.85	4.00	37.50
Pockett's Crimson.	.60	3.00	25.00	.85	4.00	37.50
William Duckham. Light pink	.60	3.00	25.00	.85	4.00	37.50
William Turner. Pure white	.60	3.00	25.00	.85	4.00	37.50
Wells' Late Pink. Clear pink	.60	3.00	25.00	.85	4.00	37.50

CHRYSANTHEMUMS Commercial Sorts

	ROOTED CUTTINGS			2¼" POT PLANTS		
	Doz.	100	1000	Doz.	100	1000
Chadwick Supreme.	\$0.60	\$3.00	\$25.00	\$0.85	\$4.00	\$30.00
Dr. Enguehard.	.60	2.00	17.50	.75	3.00	25.00
Helen Frick.	.60	3.00	20.00	.85	4.00	30.00
Pacific Supreme.	.60	2.00	17.50	.75	3.00	25.00
Unaka.	.60	3.00	20.00	.85	4.00	30.00
Winter Cheer.	.60	3.00	20.00	.85	4.00	30.00
W. R. Brock.	.60	3.00	20.00	.85	4.00	30.00

We can supply also all other pink varieties.

Commercial Chrysanthemums (Continued)

RED

	ROOTED CUTTINGS			2¼" POT PLANTS		
	Doz.	100	1000	Doz.	100	1000
Cullingfordii.	\$0.60	\$3.00	\$20.00	\$0.85	\$4.00	\$30.00
Harvard.	.60	3.00	20.00	.85	4.00	30.00
Intensity.	.60	3.00	20.00	.85	4.00	30.00

WHITE

Chadwick Improved.	.60	3.00	25.00	.85	4.00	30.00
Chas. Raser.	.60	3.00	20.00	.85	4.00	30.00
Early Snow.	.60	3.00	20.00	.85	4.00	30.00
Elise Papworth.	.60	3.00	20.00	.85	4.00	30.00
Lynnwood Hall.	.60	3.00	20.00	.85	4.00	30.00
Smith's Advance.	.60	2.00	17.50	.75	3.00	25.00
Timothy Eaton.	.60	3.00	20.00	.85	4.00	30.00
W. H. Chadwick.	.60	3.00	25.00	.85	4.00	30.00
White Bonaffon.	.60	3.00	20.00	.85	4.00	30.00
White Helen Frick.	.60	3.00	20.00	.85	4.00	30.00

We also can do all other white varieties.

YELLOW

August Dasse.	.60	3.00	20.00	.85	4.00	30.00
Chrysolara.	.60	3.00	20.00	.85	4.00	30.00
Dolly Dimple.	.60	3.00	20.00	.85	4.00	30.00
Golden Chadwick.	.60	3.00	25.00	.85	4.00	30.00
Golden Eagle.	.60	3.00	20.00	.85	4.00	30.00
Golden Robin.	1.00	7.00	60.00	1.50	10.00	90.00
Improved Golden Chadwick.	3.00	15.00		3.00	20.00	
Major Bonaffon.	.60	2.00	17.50	.75	3.00	25.00
Yellow Eaton.	.60	3.00	20.00	.85	4.00	30.00

We can supply also all other yellow varieties.

ROSES (From 2¼" Pots)

	GRAFTED			OWN ROOTS		
	Doz.	100	1000	Doz.	100	1000
Killarney Queen. Pink	\$1.50	\$12.50	\$120.00	\$1.00	\$7.50	\$60.00
Double Wh. Killarney.	1.50	12.50	120.00	1.00	7.50	60.00
Mrs. Taft (Antoine Riviere). Shell pink	1.50	12.50	120.00	1.00	7.50	60.00
Mrs. Aaron Ward. Yellow, shaded pink	1.50	12.50	120.00	1.00	7.50	60.00
Lady Hillington. Yellow	1.50	12.50	120.00	1.00	7.50	60.00
Killarney. Pink	1.50	12.50	120.00	1.00	7.50	60.00
White Killarney.	1.50	12.50	120.00	1.00	7.50	60.00
Jonkheer J. L. Mock.	1.50	12.50	120.00	1.00	7.50	60.00
Richmond.	1.50	12.50	120.00	1.00	7.50	60.00
Radiance.	1.50	12.50	120.00	1.00	7.50	60.00
My Maryland.	1.50	12.50	120.00	1.50	10.00	90.00
American Beauty. 2½-in. pot stock				1.50	12.00	100.00
Sunburst.						

Six roses of a kind at dozen rate, 25 at 100 rate, 250 at 1000 rate.

If you are interested in Roses from 3 and 4-inch pots write us for prices.

MISCELLANEOUS PLANTS (2¼" Pots)

	Doz.	100	1000
Abutilon Savitzi.	\$0.60	\$3.00	\$25.00
Achyranthes. 5 varieties	.60	3.00	25.00
Ageratum. 3 varieties	.50	2.50	20.00
Alternanthera. 5 varieties	.50	2.50	20.00
Antirrhinum. 3 varieties	.70	4.00	35.00
Begonia Gloire de Lorraine.	2.00	15.00	135.00
Begonia Glory of Cincinnati.	3.00	20.00	175.00
Bouvardia. White	.60	4.00	35.00
Coleus. 19 varieties	.50	2.50	20.00
Gardenia.	1.00	7.00	60.00
German Ivy.	.50	2.50	20.00
Heliotrope. Céntefleur	.60	3.00	25.00
Lantana. 6 varieties	.70	4.00	35.00
Poinsettia. Single	1.00	7.00	60.00
" Double	1.50	10.00	90.00
Salvia. 4 varieties	.50	2.50	20.00
Smilax.	.60	3.50	30.00
Stevia.	.60	2.50	20.00
Swainsonia alba.	.85	4.00	35.00

Not less than 50 plants of a kind under this heading supplied at 100 rate, not less than 250 of a kind supplied at 1000 rate, and not less than 1 doz. of any one kind supplied at the above prices.

6 plants of a variety at dozen rate, 25 at 100 rate, 250 at 1000 rate



New Scarlet Bedding Geranium "Helen Michell"

This wonderful new Geranium is fully described on the second cover page of this catalogue, opposite which appears an illustration in color, drawn from nature of one plant, to show its habit. The photograph above shows a section of one of our greenhouses, where we produced a quantity of the stock. For the most part these plants are in 4-inch pots. This photograph was taken in March, 1913, which will convey some idea of the early and free-flowering characteristics of the "*Helen Michell*" Geranium. We have already booked a huge number of orders and predict that the demand will greatly increase. **Book your order early.** All orders will be filled in rotation, beginning in January, 1914.

PRICES TO THE FLORIST TRADE, FROM 2¼-INCH POTS

Each, 25c.; Dozen \$2.50; 100, \$15.00; 1000, \$125.00

6 at dozen rates, 25 at 100 rate, 250 at 1000 rate

Michell's Pot Grown Roses

Extra strong 2-year old stock in 5 and 6-inch stock, according to variety



Rose Milady

Climbing Varieties

	Doz.	100
American Beauty. Rose pink..	\$6.00	\$47.50
American Pillar. Single pink.	4.00	32.00
Baltimore Belle. Blush.....	3.00	22.00
Christine Wright. Pink.....	6.00	47.50
Crimson Rambler. Red.....	3.50	27.00
Dorothy Perkins. Pink.....	3.50	27.00
Excelsa. Scarlet.....	4.00	32.00
Flower of Fairfield. Crimson.	3.50	27.00
Hiawatha. Single scarlet.....	3.50	27.00
Lady Gay. Pink.....	3.50	27.00
Tausendschoen. Soft pink....	3.50	27.00

Dwarf Ramblers

	Doz.	100
Baby Rambler (N. Lavasseur). Doz.		
Crimson	\$3.25	\$25.00
Catherine Zeimet. White.....	3.25	25.00
Erna Terschendorff. Scarlet..	3.25	25.00
Jessie. Red	3.50	27.00
Mrs. W. Cutbush. Pink.....	3.25	25.00
Phyllis. Cerise pink.....	3.50	27.00
White Dorothy Perkins. White	3.50	27.00
Yellow Rambler. Yellow.....	3.50	27.00

Hybrid Perpetual Varieties

	Doz.	100
American Beauty. Deep Pink..	\$3.75	\$30.00
Baroness Rothschild. Pink...	3.50	27.00
Clio. Flesh Pink.....	3.50	27.00
Capt. Christy. Pink.....	3.50	27.00
Fisher Holmes. Red.....	3.50	27.00
Frau Karl Druschki. White..	3.50	27.00
Gen. Jacqueminot. Crimson...	3.50	27.00
La France. Rose pink.....	3.75	30.00
Magna Charta. Pink.....	3.50	27.00
M. Dickson. White	3.50	27.00
Mme. Gab. Luizet. Pink.....	3.50	27.00
Mrs. Jno. Laing. Pink.....	3.50	27.00
Mrs. R. G. Sharman Crawford.		
Pink	3.50	27.00
Paul Néyron. Deep pink.....	3.50	27.00
Prince Camille de Rohan.		
Crimson	3.50	27.00
Soleil d'Or. Yellow.....	3.50	27.00
Ulrich Brunner. Deep pink...	3.50	27.00

Hybrid Tea Varieties

	Doz.	100
Antoine Rivoire. Pink.....	\$3.75	\$30.00
Bessie Brown. Cream white..	3.75	30.00
Betty. Pink	3.75	30.00
British Queen (New). White.		
Each, \$1.25; 14.00		
Chateau de Clos Vougeot.		
Scarlet	5.00	40.00
Dean Hole. Pink.....	3.75	30.00
Duchesse of Westminster.		
Clear rose	7.00	55.00
Earl of Gosford (New).		
Crimson.....Each, \$1.25; 14.00		
Edward Mawley. Crimson...	7.00	55.00
Etoile de France. Red.....	5.00	40.00
Etoile de Lyon. Yellow.....	3.50	27.00
Farbenkonigin. Pink.....	3.75	30.00
Florence Pemberton. Cream		
white	3.75	30.00
Franz Deegen. Yellow.....	3.75	30.00
Gen. MacArthur. Red.....	3.75	30.00
Geo. Dickson (New). Crim-		
son	Each, \$1.25; 14.00	
George C. Waud. Vermilion..	4.50	35.00
Gruss aus Teplitz. Red.....	3.50	27.00
Harry Kirk. Yellow.....	4.50	35.00
Hermosa. Pink.....	3.25	25.00
Jonkheer J. L. Mock. Rose		
pink	3.75	30.00
Jos. Hill. Pink.....	3.75	30.00
Juliet. Orange	3.75	30.00
Kaiserin A. Victoria. White..	3.50	27.00
Killarney. Pink.....	3.75	30.00
Lady Ashtown. Pink.....	3.75	30.00
Lady Hillingdon. Yellow.....	6.00	45.00
La Hollande. White.....	6.00	45.00
Laurente Carle. Red.....	3.75	30.00
Le Progres. Deep Yellow....	3.75	30.00
Leuchtfeuer. Fiery crimson..	5.00	40.00
Lyon. Yellow	3.75	30.00
Mad. Abel Chantenay. Pink..	3.75	30.00
Mad. Caroline Testout. Rose.	3.75	30.00

	Doz.	100
Mad. Jenny Gillemot. Pink..	\$3.75	\$30.00
Mad. Jules Grolez. Pink.....	3.75	30.00
Mad. Ravary. Yellow.....	3.75	30.00
Maman Cochet Pink.....	3.50	27.00
Maman Cochet White.....	3.50	27.00
Marg. Guillot. White.....	4.00	30.00
Marquise de Sinety. Yellow..	5.00	40.00
Milady. Dazzling red.....	6.00	45.00
Mildred Grant. Blush white..	3.75	30.00
Molly Sharman Crawford.		
White	5.00	40.00
Mrs. Aaron Ward. Yellow...	3.75	30.00
Mrs. C. C. Harrison. Deep		
pink	6.00	45.00
Mrs. David Jardine. Pink....	4.50	35.00
Mrs. Geo. Sawyer (New).		
Deep pink.....Each, \$1.25; 14.00		
Mrs. Peter Blair. Yellow....	4.50	35.00
My Maryland. Pink.....	4.50	35.00
Neervelt. Red	5.00	40.00
Perle des Jardins. Yellow....	3.75	30.00
Prince de Bulgarie. Pink....	3.75	30.00
Richmond. Red	3.75	30.00
Souv. de P. Notting. Yellow..	3.75	30.00
White Killarney. White.....	3.75	30.00
Wm. Shean. Delicate pink....	4.50	35.00
Souvenir de Pres. Carnot.		
Delicate pink	3.75	30.00
Souvenir de la Malmaison.		
Flesh	3.50	27.00

Miscellaneous Roses

	Doz.	100
Rosa Rugosa. Double White..	\$3.50	\$27.00
" " Red single.....	2.75	22.00
" " White single...	2.75	22.00
" " Con. F. Meyer,		
double pink...	3.50	27.00
Wichuriana. Single white....	3.25	25.00
" Alba Rubifolia..	3.50	27.00
" Gardenia	3.25	25.00
" Persian yellow..	3.50	27.00

NOTE.—For the quality of stock we supply, our prices are very low. Less than ½ dozen Roses will be priced at our retail catalogue rates, as quoted on pages 139 to 145, inclusive, less 20 per cent.

MICHELL'S HARDY PERENNIAL PLANTS AND ROOTS 69

The past year we have greatly improved our facilities for handling orders for hardy plants, having added to our equipment 4 large modern greenhouses and 250 additional frames. We therefore want your order for perennials and such other goods in our line which we handle extensively. **Special Notice:** On account of the small profit in plants at wholesale, no order for plants that aggregates less than \$1.00 will be filled at these wholesale rates; such orders will be filled at retail catalog prices for plants, less 10%. Complete description of all plants offered here will be found in our retail catalog, a copy of which can be had on request.

ACHILLEA (Sneezewort)

	Doz.	100
Cerise Queen. Red.....	\$1.00	\$7.00
Ptarmica Fl. Pl. (<i>The Pearl</i>).		
White .....	.90	6.50
Boule de Neige (<i>Snowball</i>)....	1.00	7.00

ACONITUM (Monkshood)

Fischeri. Pale blue.....	1.35	9.00
Napellus. Dark blue.....	1.35	9.00
Napellus Bicolor. Blue and white	1.35	9.00
Wilsoni. Violet blue.....	1.50	11.00
Autumnale. Deep purple.....	1.35	9.00
Stroekianum. Rich deep blue..	1.50	10.00

ACTAEA (Baneberry)

Spicata Alba. Pure white berries	1.50	10.00
Spicata Rubra. Bright scarlet berries	1.50	10.00

AETHEOPAPPUS (New)

Pulcherrimus. Brilliant rose..	1.50	10.00
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AGROSTEMMA (Campion)

Coronaria. Crimson.....	.90	6.50
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AKEBIA

	Each	Doz.
Quinata.	\$0.20	\$2.00

ALYSSUM (Gold Dust)

	Doz.	100
Saxatile Comp. Yellow.....	\$0.90	\$6.50

AMPELOPSIS

Veitchii. Extra strong; 4 in pots	2.00	15.00
Quinquefolia.	2.00	12.50

ANCHUSA (Italica)

Dropmore. Blue.....	1.50	10.00
Myosotidaeflora (<i>New</i>). Rich blue	2.50	15.00
Opal. Pale blue.....	1.50	10.00

ANEMONE (Windflower)

Alba. Pure white.....	1.10	7.50
Alice. Shell pink.....	1.50	10.00
Kriemhilde. Rose pink.....	1.50	10.00
Pr. Henry. Rich pink.....	1.10	7.50
Rubra. Rosy red.....	1.10	7.50
Whirlwind. Pure white.....	1.10	7.50
Lord Ardilaun. Pure white....	1.50	10.00
Geante Blanche. Giant white..	1.50	10.00
Queen Charlotte. Semi-double; pink	1.10	7.50
Purpurine. Semi-double; deep rose	1.50	10.00

AQUILEGIA (Columbine)

Canadensis. Red and yellow..	.90	6.50
Chrysantha Alba. Pure white	.90	6.50
Chrysantha. Yellow.....	.90	6.50
Coerulea. Blue and white.....	.90	6.50
Erskine Park Hybrids. Mixed.	.90	6.50
Flabellata Nana. White.....	.90	6.50
Rose Queen. Delicate pink....	.90	6.50
Helenae. Blue, white spurs....	.90	6.50

ARABIS (Rock Cress)

Alpina. Pure white.....	.90	6.50
Alpina Fl. Pl. Double white..	1.10	8.50

ARISTOLOCHIA (Dutchman's Pipe)

Sipho. Each 40c.; \$4.00 doz.		
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ARMERIA (Sea Pink)

Maritima. Pink.....	.90	6.50
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ARTEMISIA

Lactiflora. Cream white.....	1.50	10.00
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ASCLEPIAS (Butterfly Weed)

Tuberosa. Orange red.....	.90	6.50
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Hardy Aster

ASTERS (Hardy)

	Doz.	100
Amethystinus. Blue.....	\$1.50	\$10.00
Beaute Parfait. Violet.....	1.50	10.00
Nov. Ang. Rubra. Red.....	1.10	7.50
Amellus Perry's. Pink.....	1.50	10.00
Ptarmac. Maj. Pure white...	1.10	7.50
Robt. Parker. Lavender.....	1.10	7.50
St. Egwin. Pink.....	1.50	10.00
White Queen. Pure white....	1.10	7.50
Wm. Marshall. Clear blue....	1.10	7.50
Subcoeruleus. Deep blue.....	1.10	7.50
Fairfield. Pure white.....	1.10	7.50
Beatrice. Pure white.....	1.10	7.50
Beauty of Colwall. Lavender.	1.75	12.50
Thompsoni Nana. Sky-blue....	1.50	10.00

BIGNONIA (Trumpet Vine)

Grandiflora. 40c. each; doz. \$4.00.		
Radicans. 20c. each; doz. \$2.00.		

BOCCONIA (Plume Poppy)

Cordata. Cream white.....	1.10	7.50
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BOLTONIA (False Chamomile)

Asteroides. Pure white.....	.90	6.50
Latisquama. Pink.....	.90	6.50
Latisquama Nana. Pink. Dwf.	.90	6.50

BUDDLEYA (Butterfly Bush)

Var. Magnifica. Lavender....	2.00	15.00
Asiatica. Light blue.....	2.75	20.00

CALLIRHOE (Poppy Mallow)

Involucrata. Crimson.....	1.10	7.50
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CAMPANULA (Bell Flower)

Calycanthema. Pink.....	1.50	10.00
Calycanthema. Blue.....	1.50	10.00
Calycanthema. White.....	1.50	10.00
Glomerata. Violet blue.....	1.10	7.50
Lactiflora. Bluish white.....	1.10	7.50
Media. Pink.....	1.10	7.50

CAMPANULA (Continued)

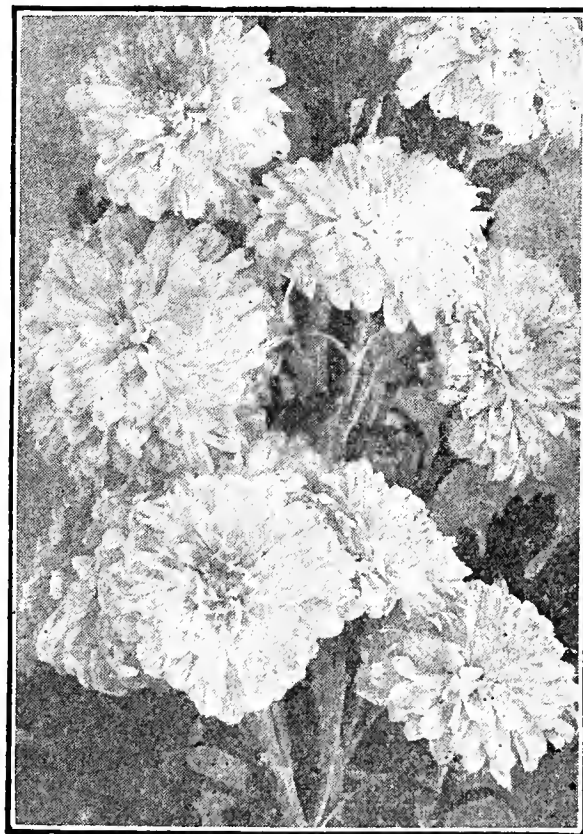
	Doz.	100
Media. Blue	\$1.10	\$7.50
Media. White.....	1.10	7.50
Moerheimi. Pure white.....	1.50	12.00
Pers. Grand Coerulea. Blue..	1.35	8.50
Pers. Grand Alba. White.....	1.35	8.50
Trachelium. Purple.....	1.10	7.50
Alliariaefolia. White.....	1.10	7.50
Carpatica. Blue.....	1.10	7.50
Carpatica. White.....	1.10	7.50
Pyramidalis. Blue.....	1.35	8.50
Pyramidalis. White.....	1.10	7.50
Humosa. Light blue.....	1.50	12.00
White Star. Pure white.....	1.10	8.50

CASSIA (American Senna)

Marilandica. Yellow.....	.90	6.50
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CENTAUREA (Perennial Cornflower)

Montana. Blue.....	1.35	8.50
Montana Alba. White.....	1.35	8.50
Pulcherrima.	1.35	8.50



Hardy Chrysanthemum

CHRYSANTHEMUMS (Hardy)

Pompon Varieties

Agalia. Orange.	Irene. White.
Aaron. Scarlet.	Julia Lagravere.
Anna Marie. Cream	Maroon.
white.	Jeanette. Bronze.
Ashbury. Yellow.	Jas. Boone. White.
Baby. Yellow.	Lady Naylor. White.
Cerise Queen. Pink.	Meyers Perfection.
Dawn. Pink.	White.
Dundee. Red.	Miss Julia. Yellow.
Excelsior. Yellow.	Overbrook. Yellow.
Ermine. Scarlet.	Queen of Bulgaria.
Findon. Rose.	Crimson.
Furnessia. White.	Queen of Whites.
Globe d'or. Yellow.	White.
Germania. White.	Rosy Morn. Pink.
Gladys. Pearl.	St. Elmo. White.
Ida. Yellow.	St. Illoria. Rose.

See page 70 for other Hardy 'Mums.

HARDY CHRYSANTHEMUMS

(Continued)

Sylvia. Bronze.	Triomphe d'Or.
Susquehanna. Yel.-	low.
Scarlet Beauty.	Red.
low.	Viola. Red.
Urith. Bronze.	Windlass. Orange.
Price of any of the Hardy Pompon	
Chrysanthemums offered, 65c. doz.; per	
100 \$4.50.	

Large, Early Flowering

ENGLISH CHRYSANTHEMUMS

Primavera. Prim-	Le Pactole. Yellow.
rose.	Mad. Marie Masse.
Wells Crimson.	Mauve.
Red.	Mrs. A. Beech.
Saumon Rouge.	Bronze.
Salmon.	Mabel Roberts.
Border Beauty.	Pink.
Orange.	Normandie. Pink.
Champagne. Red.	October Gold.
Countess. White.	Yellow.
Ethel Blades. Scar-	Queen of the
let.	Earlies. White.
Golden Queen of	Earlies. Yellow.
Price of English Hardy Chrysanthemums,	
\$1.25 doz., per 100 \$8.00.	

CHRYSANTHEMUM

Arcticum. Pure white.....	Doz. 100	\$2.00	\$12.50
Maximum Vermorens. Pure			
white	2.00	12.50	

CLEMATIS (Extra Strong Plants)

Henryi. White.....	Each	Doz.	100
Jackmanii. Purple.....	\$0.35	\$3.50	
Jackmanii Alba. White..	.35	3.50	
Mad. E. Andre. Red.....	.35	3.50	
Integrifolia Durandi. Blue	.40	4.00	
Montana Rubens. Red...	.50	5.00	
Flamula. White.....	.35	3.50	
Coccinea. Red.....	.15	1.50	\$9.00
Crispa. Lavender.....	.15	1.50	9.00
Tanguticus. Yellow50	5.00	
Paniculata. White.....	.15	1.10	7.00

COREOPSIS

Lanc. Grand. Yellow.....	.90	6.50
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DAISY (Bellis perennis)

Monstrosa. White.....	.60	4.50
Monstrosa. Pink.....	.60	4.50
Monstrosa. Red.....	.60	4.50

DELPHINIUM (Larkspur)

Amos Perry. Mauve.....	2.50	20.00
Belladonna. Blue.....	1.50	12.00
Belladonna Semi Pl. Blue...	2.50	17.50
Chinense Azureum. Blue.....	.90	6.50
Chinense Album. White.....	.90	6.50
Formosum. Deep blue.....	.90	6.50
Formosum Coelestinum. Blue.	.90	6.50
Kelway's Hybrids. Mixed...	1.25	8.00
King of Delphiniums. Blue...	3.50	25.00
Moerheimi. Pure white.....	3.50	25.00

DIANTHUS (Garden Pink)

Deltioides. Pink.....	.90	6.50
Latif. Atroc. Fl. Pl. Crimson..	.90	6.50
Mixed Colors .....	.85	6.00

DICTAMNUS (Gas Plant)

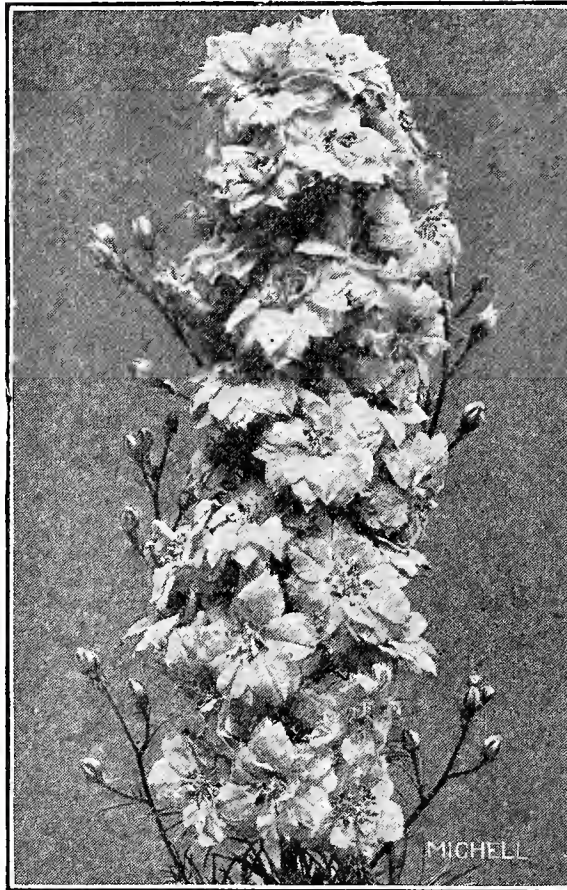
Fraxinella. Pink.....	1.35	9.00
Fraxinella. White.....	1.35	9.00

DIELYTRA (Bleeding Heart)

Spectabilis. Pink and white...	.90	6.00
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DIGITALIS (Fox Glove)

Gloxiniaflora. White.....	.90	6.50
Gloxiniaflora. Pink.....	.90	6.50
Gloxiniaflora. Blue.....	.90	6.50
Gloxiniaflora. Yellow.....	.90	6.50



Delphinium Belladonna (See left-hand column)

DORONICUM

Excelsum. Yellow.....	Doz. 100	\$1.35	\$8.50
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ECHINOPS (Globe Thistle)

Ritro. Deep blue.....	1.35	8.50
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EDELWEISS (Alpine Plant)

White	1.25	7.00
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ERYNGIUM (Sea Holly)

Planum. Blue.....	1.35	8.50
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EUPATORIUM

Ageratoides90	6.50
Coelestinum. Light blue.....	.90	6.50

FERN (Hardy)

Adiantum Pedatum.....	1.75	11.00
Dicksonia Punctilobula.....	1.00	7.00
Osmunda Regalis.....	1.75	11.00
Aspidium Acrostichoides.....	1.00	7.00
Aspidium Marginale.....	1.25	8.00
Aspidium Thelypteris.....	1.25	8.00
Asplenium Felix-foemina.....	1.25	8.00
Osmundi Claytonia.....	1.75	11.00
Lastrea Dilatata.....	1.75	11.00
Onoclea Sensibilis.....	1.00	7.00
Onoclea Struthiopteris.....	1.75	11.00
Osmunda Gracilis.....	1.75	11.00
Osmunda Cinnamomae.....	1.75	11.00
Scolopendrium Vulgaris.....	2.00	15.00

FUNKIA (Day Lily)

Coerulea. Blue .....	.80	5.50
Subcordata Grand. White...	1.35	8.50
Undulata Med. Pict. Varie-		
gated foliage, purple.....	1.35	8.50

GAILLARDIA (Blanket Flower)

Grandiflora. Red and orange..	.90	6.50
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GERANIUM (Crane's Bill)

Grandiflora. Violet blue.....	1.10	7.50
Endressi. Light rose.....	1.10	7.50

GALEGA (Goats' Rue)

Hartlandii. Blue and white...	1.00	7.00
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GEUM (Avens)

Coccineum. Scarlet.....	1.10	7.50
Mrs. Bradshaw (New).		
Bright scarlet	1.50	10.00

GENTIANA

Andrewsii. Blue	Doz. 100	\$1.35	\$8.50
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GRASSES (Extra Strong)

Arundo Donax	1.50	10.00
Pennisetum Japonicum	1.25	8.00
Erianthus Ravennae	1.00	8.00
Eulalia Grac. Univit.	1.00	8.00
" Jap. Variegata	1.00	8.00
" Zebrina	1.00	8.00
Gynerium Argent	2.00	15.00
Phalaris Arund. Variegata...	.85	6.00

GYPSOPHILA

Paniculata. White.....	.90	6.50
" Fl. Pl.		
Double white..	2.00	15.00

HELENIUM (Sneezewort)

Autumnale Sup. Yellow.....	1.10	7.50
Grand. Striatum. Orange....	1.10	7.50
Riverton Beauty. Lemon yel-		
low	1.60	11.00
Pumilum Magnificum. Golden		
yellow	1.10	7.50

HELIANTHUS

Miss Mellish. Yellow.....	.90	6.50
Mult. Fl. Pl. Double yellow..	1.00	7.00
Rigidus. Yellow .....	.90	6.50
Wolly Dod. Yellow.....	.90	6.50
Orygalis. Golden yellow.....	.90	6.50

HELIANTHEMUM (Rock Rose)

Mixed colors	1.10	7.50
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HELIOPSIS (Orange Sunflower)

Pitcheriana. Yellow.....	.90	6.50
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HELLEBORUS (Christmas Rose)

Niger. Pure white.....	2.75	22.00
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HEMEROCALLIS (Yellow Day Lily)

Aur. Major. Orange.....	2.00	15.00
Flava. Yellow.....	.90	6.50
Fulva. Deep orange.....	.90	6.50
Kwanso Fl. Pl. Coppery red..	1.00	7.50
Dumortieri. Rich yellow.....	.90	6.50
Dr. Regal. Apricot.....	1.50	11.00
Sovereign. Chrome yellow....	2.00	15.00

HEUCHERA (Alum Root)

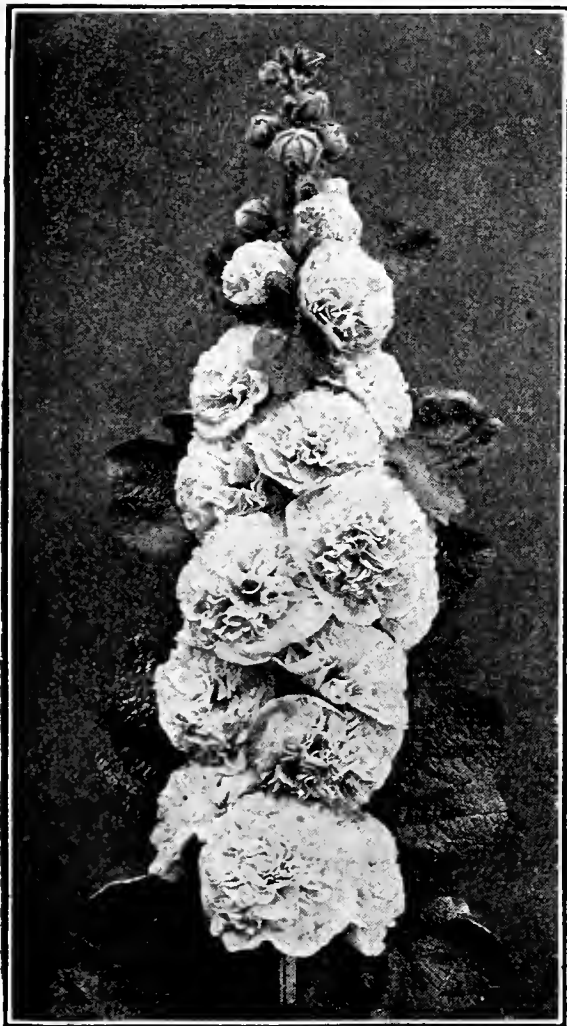
Sanguinea. Scarlet	1.10	7.50
Flambeau. Light rose.....	1.10	7.50
Pink Beauty. Clear pink....	1.10	7.50

HIBISCUS

Meehani. Mixed colors.....	2.00	12.50
Moscheutos Roseus. Pink....	.90	6.50
Crimson Eye. White, crimson		
eye .....	.90	6.50



Gaillardia



HOLLYHOCKS

	Doz.	100
Double. White	\$1.50	\$10.00
" Crimson	1.50	10.00
" Salmon	1.50	10.00
" Canary yellow	1.50	10.00
" Pink	1.50	10.00
" Maroon	1.50	10.00
" Newport Pink	1.50	10.00
" Mixed colors	1.25	8.00
Single. Mixed colors	1.25	8.00
Allegheny. Semi-double, fringed, mixed colors.....	1.25	8.00

HONEYSUCKLE (Pot Grown)

Chinese Evergreen	2.00	15.00
Halleana	2.00	15.00
Heckrothi	2.00	15.00
Variegated	2.00	15.00
Red Coral	2.00	15.00

HOP VINES

Japanese .....	.75	6.00
Golden Leaved	1.25	8.00

INCARVILLEA (Hardy Gloxinia)

Delavayi	1.35	8.50
Grandiflora	1.35	8.50

IPOMEA (Moon Vine)

Pandurata	1.10	8.00
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IRIS GERMANICA (German)

Eugene Sue. White and spotted.	
Gypsie Queen. Lavender.	
Leonidas. Mauve.	
Glorie de Hillegom. Light blue.	
Gracchus. Crimson and white.	
Honorabilis. Yellow and bronze.	
Innocenza. Pure white.	
Kharput. Deep blue.	
Mad. Chereau. White edged blue.	
Maori King. Golden yellow.	
Pallida Dalmatica. Lavender. \$1.50 per doz., per 100 \$10.00.	
Queen of May. Light pink.	
Price at top of next column.	

Price of any German Iris (except where noted), 90c. doz., per 100 \$6.50.
Mixed, all colors, 50c. doz., per 100, \$3.50.

IRIS KAEMPFERI (Japanese)

Double varieties.
Geishoi. Crimson purple.
Hodai. Lavender, veined purple.
Ho-O-Jo. Deep purple.
Kan Ran. White, veined violet.
Koki-No-Iro. Purple, veined white.
Kuma Funjiu. Lilac, veined white.
Mana Dsura. Pure white.
Renjo-No-Toma. Violet and white.
Uchu. Purple, shaded crimson.
Wakamurasaki. Purplish crimson.
Yomo-No-Umi. Double white.

Single varieties.
Komanyo. Violet blue, veined white.
Osakazuki. Mauve, shaded lilac.
Tora-Odori. Lavender, white ground.
Yomo Zakuru. Purplish red.

Price of separate named varieties Japanese Iris, \$1.35 doz., per 100 \$8.50.
Mixed, all colors, doz. 85c., \$5.00 per 100.

IRIS PUMILA

Azurea. Light blue.....	Doz. 100
Lutea. Yellow	\$0.85 \$6.00
Violacea. Dark blue.....	.85 6.00

IRIS SIBIRICA

Orientalis Blue King. Deep blue	1.10 7.50
Orientalis Snow Queen. Pure white	1.10 7.50

IVY

English. 2½-inch pots.....	1.25 8.00
" 4-inch pots.....	2.00 15.00

KUDZU VINE

Pueraria Thunbergiana.....	1.75 12.50
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LATHYRUS LATIFOLIUS

Albus	1.15 8.00
White Pearl	2.50 17.50
Pink Beauty	1.15 8.00

LIATRIS (Blazing Star)

Pycnostachia. Purple.....	.90 6.50
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LILY OF THE VALLEY

Large clumps	2.00 15.00
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LOBELIA

Cardinalis. Vivid crimson....	.90 6.50
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LUPINUS

Moerheimi. Pink.....	2.25 16.00
Polyphyllus. Blue.....	1.35 9.00
" White	1.75 11.00

LYCHNIS

Chalcedonica. Scarlet .....	.90 6.50
Dioscea Rosea. Pink.....	1.15 8.00
Haag. Hybrida. Orange scarlet .....	.90 6.50
Semperflorens Pl. Pink.....	1.35 8.50
Viscaria. Red.....	1.35 8.50

LYTHRUM (Loosestrife)

Roseum Superbum. Pink.....	.90 6.50
Virgatum. Bright pink.....	1.50 10.00

MONARDA (Bergamot)

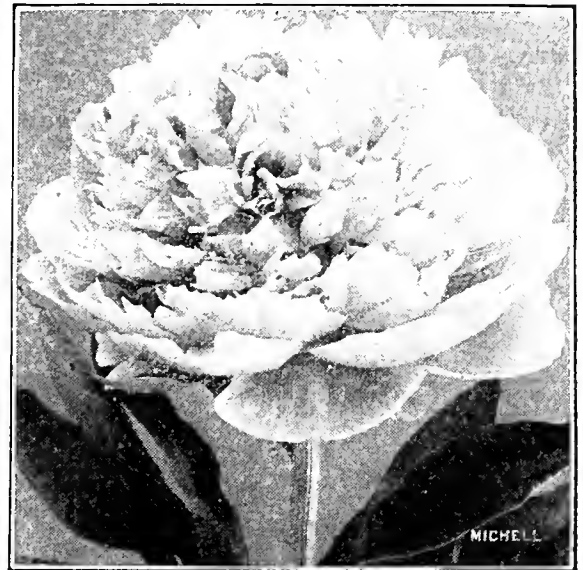
Didyma. Scarlet .....	.90 6.50
Fistulosa Alba. White.....	.90 6.50

MONTBRETIA (Bulbs)

Aurantiaca. Golden yellow...	.25 1.50
Crocsmiaeflora. Scarlet and yellow .....	.15 1.00
Etoile de Feu. Vermilion....	.25 1.50
Pottsii. Orange scarlet.....	.20 1.25
Rayon d'Or. Yellow.....	.25 1.50
Speciosa. Yellow .....	.25 1.50

OENOTHERA (Evening Primrose)

Missouriensis. Yellow.....	1.10 7.50
Youngii. Lemon yellow.....	1.10 7.50



Paeony—Achille

PAEONIES (Double) Named Varieties

Sorts marked * are especially suited for florists' cut flowers.	Doz.	100
Achille. Shell pink.....	\$1.50	\$10.00
Agnes M. Kelway. Cream...	1.50	10.00
*Anem. Flor. Rubra. Crimson.	2.00	15.00
Charlemagne. Pink.....	3.00	20.00
Clarisse. Rose pink.....	1.75	14.00
Couronne d'Or. White.....	3.25	22.00
Duc de Wellington. White..	3.00	20.00
Edulis Superba. Pink.....	1.75	12.50
*Festiva Maxima. White.....	2.50	18.00
Marie Lemoine. Cream.....	4.00	30.00
Tenuifolia Fl. Pl. Red.....	2.50	18.00
Beaute Francaise. Lilac rose	2.50	18.00
Berlioz. Magenta rose.....	2.50	18.00
Dr. Brettonneau. Lilac rose..	1.75	12.50
*Carnea elegans. Flesh color.	2.50	18.00
Delicatissima. Lilac rose...	3.50	25.00
Eugene Verdier. Soft pink...	3.50	25.00
Faust. Delicate pink.....	1.75	12.50
*Grandiflora Rosea. Solferino	1.75	12.50
L'Indispensable. Delicate cream	3.50	25.00
Mme. Forel. Light pink.....	3.50	25.00
Mons. Krelage. Dark pink....	3.50	25.00
*Mlle. Leonie Calot. Rosy white	3.00	22.50
*Alba Plena. Purest white...	1.75	12.50
Duchesse de Nemours. White	2.00	16.00
La Rosiere. Yellowish white.	2.00	16.00
Delachi. Purple.....	2.00	16.00
*Felix Crousse. Bright red...	3.50	25.00
General McMahon. Deep violet	3.50	25.00
L'Eclatante. Brilliant red...	2.50	17.50
Meissonier. Purplish red....	2.25	16.50
*Victor Hugo. Brilliant red...	5.00	35.00

Tree Paeonies

In 10 choice named varieties, 80c. each, \$8.75 doz.

Unnamed Paeonies

Chinensis Alba. White.....	1.00	7.00
" Rosea. Pink.....	1.00	7.00
" Rubra. Red.....	1.00	7.00
*Officinalis Rosea. Pink, early	1.50	10.00
* " Rubra. Red, early	1.00	7.00
* " Alba. White, early	1.50	10.00

Single Roots of Paeonies (not priced) supplied at the price of the first two figures of the dozen rate, thus: If \$1.75 per doz., price will be 17 cents each, etc.

PACHYSANDRA

Terminalis. Green foliage.....	Doz. 100
" Variegated. Variegated foliage....	\$1.10 \$7.50
	1.10 7.50

Michell's Hardy Perennial Plants and Roots (Continued)

PENTSTEMON (Beard Tongue)

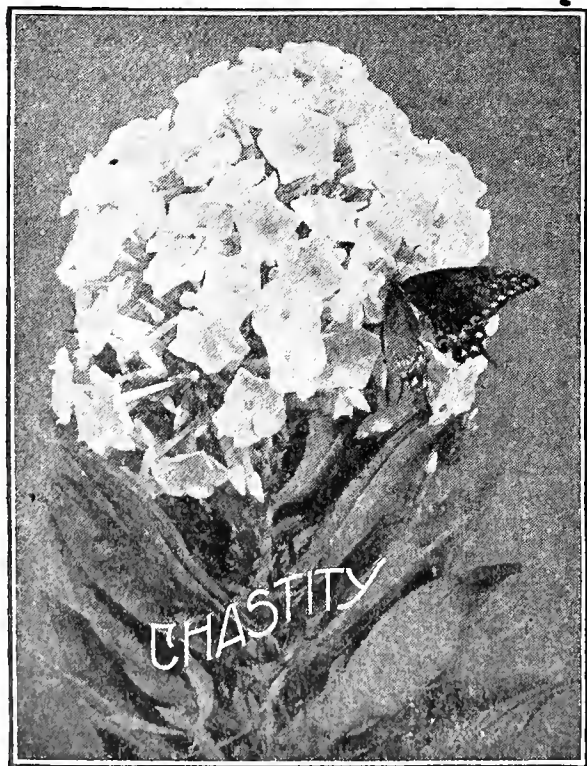
	Doz.	100
Barb. Torreyi. Scarlet.....	\$1.10	\$7.50
Digitalis. Pure white.....	1.10	7.50
PHYSOSTEGIA (False Dragon Head)		
Virginica. Soft pink.....	\$0.90	\$6.50
“ Alba. White.....	.90	6.50



Hardy Pinks

PINKS—DOUBLE (Hardy Garden)

	Doz.	100
Carmen. Pink	\$1.10	\$7.50
Delicata. Pink.....	2.00	15.00
Her Majesty. White.....	1.10	7.50
Lord Lyon. Pink.....	1.10	7.50
White Reserve. White.....	1.10	7.50
Gloriosa. Lilac mauve.....	2.00	15.00
Plumarius Fl. Pl. Mixed.....	1.00	6.50



Phlox Chastity

PHLOX (Hardy)

Strong plants.	Doz.	100
Chastity (New). Pure white..	\$1.50	\$10.00
Coquelicot. Scarlet.....	.90	6.50
Dr. Königshofer. Red.....	.90	6.50
Elizabeth Campbell. Pink...	1.35	9.00
Matador. Red.....	.90	6.50
Miss Lingard. White.....	1.10	7.50
Mrs. Jenkins. White.....	.85	5.50
Pink Beauty .....	.90	6.50
Rheinstrom. Pink.....	1.35	9.00
Europa (New). Blush white,		
pink eye	1.50	10.00

	Doz.	100
Fiancée. Pure white.....	\$0.90	\$6.50
Hanny Pfeiderer. White and		
pink .....	.90	6.50
Richard Wallace. White and		
violet .....	.90	6.50
Frau Anton Buchner. Pure		
white	1.25	8.00
Jean d'Arc. White.....	.85	5.50
Von Lassburg. Pure white....	.85	5.50
Mad. Paul Dutrie. Soft pink.	.85	5.50
Gruppen Konigin. Rose Pink.	1.25	8.00
R. P. Struthers. Deep salmon	.85	5.50
Le Mahdi. Deep purple.....	.85	5.50
Montagnard. Purple.....	.85	5.50
Mad. P. Langier. Red.....	.85	5.50
Von Hochberg. Crimson.....	1.00	7.50
Asia. Purple.....	1.25	8.00
Africa. Rich purple.....	1.25	8.00
Tower of Eiffel. Light salmon	.85	5.50
Wm. Robinson. Carmine.....	.85	5.50
Baron V. Dedem. Deep pink..	.85	5.50
Embracement. Pink.....	.85	5.50
Fernand Cortez. Cerise pink..	.85	5.50
General von Heutsz. Salmon..	.85	5.50
Goliath. Cerise.....	.85	5.50
Gen. Chanczy. Orange.....	.85	5.50
Eugene Danzanvilliers. Lav-		
ender .....	.85	5.50

PHLOX (Miscellaneous Varieties)

Divaricata Canadensis. Lav-		
ender	1.00	6.50
Subulata Rosea. Moss pink...	.85	5.50
“ Alba. White.....	.85	5.50

For full description of Hardy Phloxes see page 138 of our Retail Catalogue.

PLATYCODON (Bell Flower)

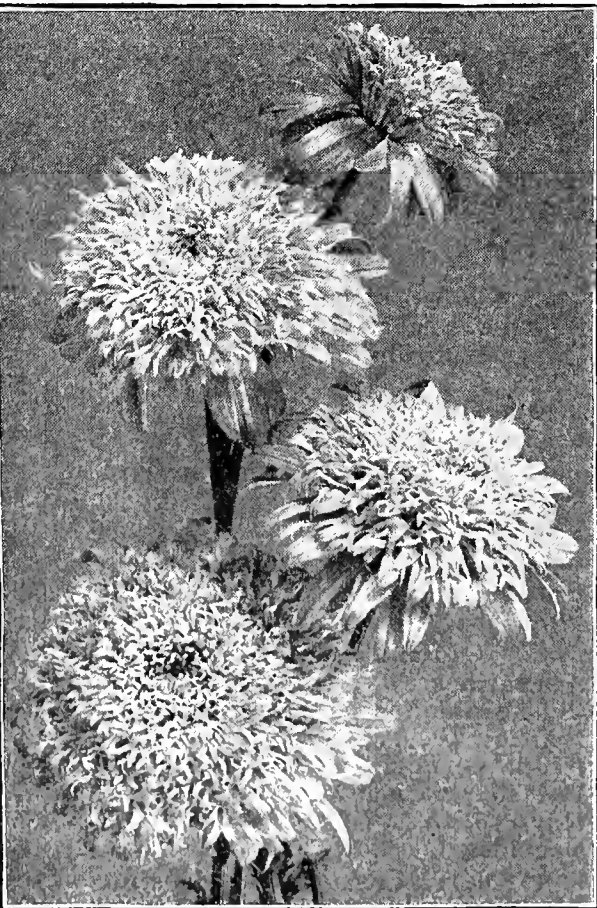
Grand. Blue.....	.90	6.50
“ White90	6.50

PLUMBAGO (Leadwort)

Larpenae. Blue.....	1.10	7.50
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PRIMULA (Hardy Primrose)

Veris (Cowslip). Mixed.....	.85	6.00
Polyanthus. Red, edged yellow	1.00	7.50
Auricula. Mixed.....	1.50	10.00
Vulgaris. Yellow.....	1.10	7.50



Pyrethrum Ne Plus Ultra

POPPY

	Doz.	100
Iceland. Yellow	\$1.35	\$8.50
“ Orange	1.35	8.50
“ White	1.35	8.50
“ Mixed .....	.90	6.50
Oriental Scarlet	1.10	8.50
“ Mrs. Perry. Pink...	1.50	10.00
“ Fürsten Kind. Scarlet	1.10	8.50
“ Parkmanni. Crimson	1.10	8.50
“ Goliath. Scarlet....	1.50	10.00

PYRETHRUM

Hybridum. Single mixed.....	1.10	7.50
Uliginosum. Single white.....	.90	6.50
Ne plus ultra. Soft lilac, double	2.50	18.00
Roi de Rouges. Double, red...	2.50	18.00
Princess Metternich. Double		
white	2.50	18.00

ROSES (Pot Grown) See page 68.



Rudbeckia Golden Glow

RUDBECKIA (See cut above)

	Doz.	100
Golden Glow. Double yellow..	\$0.90	\$6.50
Newmani. Single yellow.....	1.10	7.50
Purpurea. Single purple.....	1.10	7.50

SALVIA

Azurea. Blue.....	1.10	7.50
Virgata Nemorosa (New).		
Dark blue.....	2.00	15.00

SCABIOSA

Caucasica Alba. White.....	1.50	10.00
“ Blue	1.50	10.00
Japonica. Rich blue.....	1.35	9.00

SCHIZOPHRAGMA (Climbing Hydrangea)

Hydrangeoides, each 6oc., doz. \$6.00.

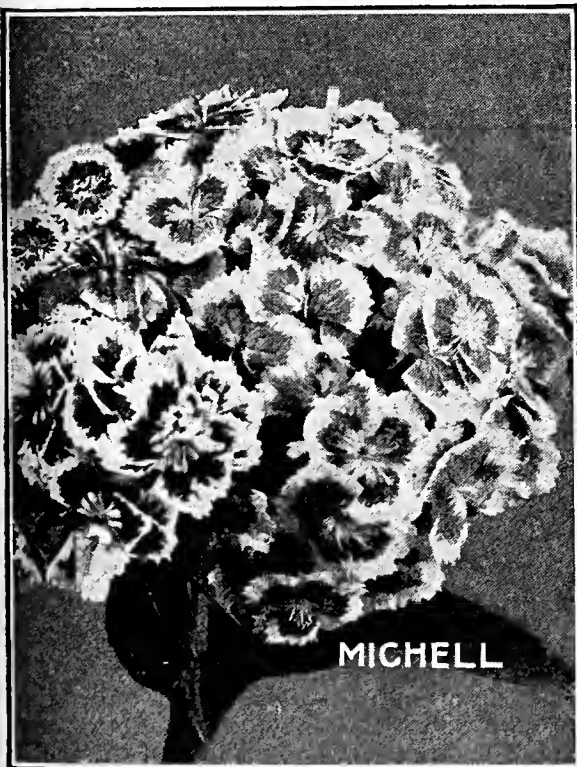
SEDUM (Stone Crop)

Acre. Yellow.....	.85	6.00
Album. White.....	.85	6.00
Sieboldi. Pink.....	1.00	7.00
Spectabilis. Pink.....	1.00	7.00
“ Brilliant. Amaranth		
red	1.50	10.00



Shasta Daisy

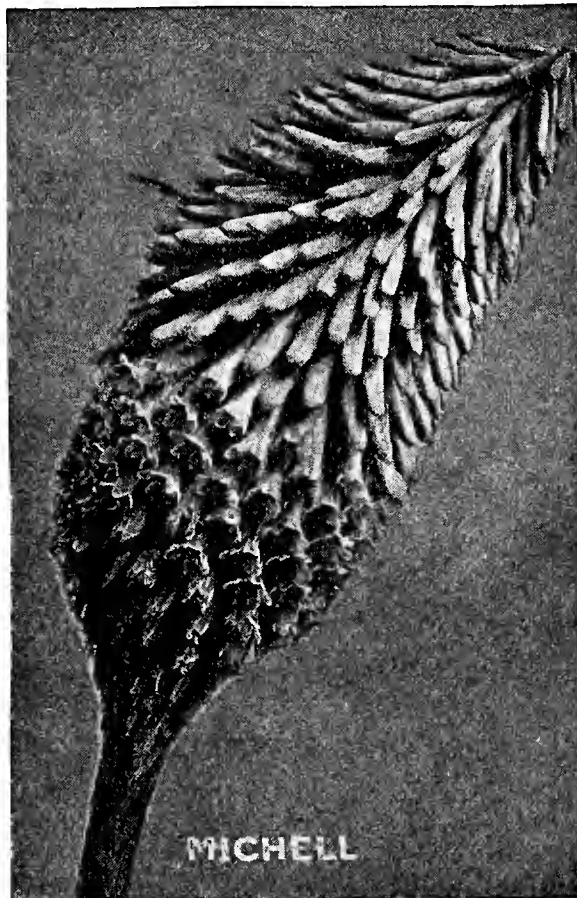
SHASTA DAISY Doz. 100			
Alaska. Pure white.....	\$1.60	\$11.00	
STACHYS (Woundwort)			
Betonica Rosea. Rich pink....	1.35	8.50	
SPIRAEA (Drop Wort)			
Filipendula Fl. Pl. White.....	1.35	8.50	
STATICE (Sea Lavender)			
Latifolia. Dark blue.....	1.10	7.50	
Eximia. Lilac	1.10	7.50	
STOKESIA (Cornflower Aster)			
Cyanea Alba. White .....	.90	6.50	
" Blue .....	.90	6.50	



Sweet William

SWEET WILLIAM Doz. 100			
Crimson	\$0.90	\$6.50	
Maroon .....	.90	6.50	
Pink Beauty (Newport Pink).			
Pink .....	.90	6.50	
Pure White.....	.90	6.50	
Red White Eye.....	.90	6.50	
Prize Mixture. All colors.....	.80	6.00	
THALICTRUM (Meadow Rue)			
Aquileg. Atrop. Purple.....	1.35	8.50	
" Album. White.....	1.35	8.50	

THERMOPSIS Doz. 100			
Fabacea. Yellow.....	\$1.50	\$10.00	
TRILLIUM (Wood Lily)			
Erectum. Purple.....	.85	5.50	
" Grandiflor. White..	.85	5.50	



Tritoma

TRITOMA (Flame Flower) Doz. 100			
Pfitzeri. Orange scarlet.....	\$1.25	\$8.00	
TROLLIUS (Globe Flower)			
Europaeus. Yellow.....	1.50	10.00	
Cauc. "Orange Globe." Deep orange	1.50	10.00	
Japonicus "Excelsior." Orange	1.50	10.00	
VALERIANA (Spurred Flower)			
Coccinea. Rich red.....	1.35	8.50	
" Alba. White.....	1.35	8.50	
Officinalis. Pink.....	1.35	8.50	
VERONICA (Speedwell)			
Amethystina. Blue.....	1.10	7.50	
Incana. Blue	1.10	7.50	
Long. Subsess. Blue	1.50	10.00	
Virginica Alba. White.....	1.10	7.50	
Spicata. Blue	1.10	7.50	
Virginica. Pale blue.....	1.10	7.50	

VINCA (Periwinkle)			
Aurea. Variegated foliage, lavender blue	1.50	10.00	
Minor. Lavender blue.....	.90	6.00	

VIOLA CORNUTA (Tufted Pansies)			
Blue and Purple.....	.70	4.50	
Gustav Wermig. Blue.....	1.35	8.50	
White and Yellow.....	.70	4.50	

WALLFLOWER			
Mixed	1.20	8.00	

WISTARIA			
Chinensis Alba. Each 40c., \$4.00 doz.			
" Blue. Each 40c., \$4.00 doz.			

YUCCA (Adam's Needle)			
Filamentosa. White.....	1.60	11.00	

Miscellaneous Plants, Vines and Shrubs

Doz. 100			
Boxwood. For edging.....	\$0.75	\$5.00	
Berberis. Thunbergii, 18 to 24 inches	2.00	12.50	
Cobaea Scandens. 4 in.....	1.50	12.00	
Moon Vine Learii. Blue.....	1.20	9.00	
Moon Vine Noctiflora. White 4 in.....	1.50	12.00	
Moon Vine Paniculata. Pink...	2.00	15.00	
Passion Vines. 4 in.....	1.50	10.00	
Viburnum Carlesi...Each, 65c.	7.00		
" Opulus	2.00	15.00	
" Plicatum	2.00	15.00	
Weigelia E. Rathke.....	2.50	17.50	
" Rosea	2.50	17.50	
" Abel Carriere.....	2.50	17.50	
" Amabilis	2.00	15.00	
Tamarix Hispida Aestivalis....	2.50	17.50	
Euonymus Radicans.....	1.10	8.50	

Each Doz.			
Azalea Amoena, 12 to 18 in....	\$0.60	\$5.50	
" A. Koster .....	.75	7.50	
" Mollis, 15 to 18 in.....	.60	5.50	

Doz. 100			
Calycanthus Floridus.....	\$2.50	\$17.50	
Deutzia Gracilis	2.00	15.00	
Forsythia Fortunei.....	2.00	15.00	
Hydrangea Paniculata Grand..	2.00	15.00	
" Arborescens	2.50	17.50	

Doz. 100			
Hydrangea Hortensis. (See page 146, Retail Catalogue.)			
Hypericum Moserianum.....	2.00	13.00	

Each Doz.			
Kalmia Latifolia, 18 to 24 in....	\$0.65	\$7.00	
Lilac. Charles X.....	.40	4.00	
" Marie Le Gray.....	.40	4.00	
" Persian Purple.....	.40	4.00	
" " White .....	.40	4.00	
" Common Purple .....	.20	2.00	
" " White .....	.20	2.00	

Doz. 100			
Jasminum Nudiflorum	\$2.00	\$16.00	
" Officinalis	2.00	16.00	

Each Doz.			
Rhododendrons in 8 distinct named sorts, 12 to 15 buds...	\$1.00	\$10.00	

Doz. 100			
Spirea. A. Waterer.....	\$1.75	\$12.50	
" Van Houttei	1.75	12.50	
" Prunifolia	2.00	15.00	
Philadelphus Coronarius.....	2.00	15.00	

PRIVET (California)

We grow large quantities of this, which is extra fine.

Doz. 100 1000			
1 year old, 18 to 24 in....	\$0.40	\$2.50	\$20.00
2 year old, 24 to 30 in....	.60	3.50	32.00
2 year old, 30 to 36 in....	.75	4.50	42.00

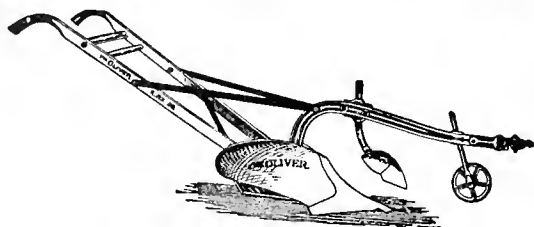
GOLDEN LEAVED PRIVET

18 to 24 in., 2 year old, \$1.25 per doz., per 100 \$9.00.

Testimonial on Michell's Hardy Plants

FAIRMONT, W. VA.
Your shipment of perennials arrived yesterday, they certainly are a husky lot of plants and we were well pleased.
ALEX MACELWEE.
Supt. to Hon. C. W. Watson.

Planet Jr. and Iron Age Farm and Garden Tools, Etc.



Plows

SOUTH BEND PLOWS

This plow has been one of the favorites in the section of Philadelphia for many years. It is substantially made, neat, and gives splendid satisfaction.

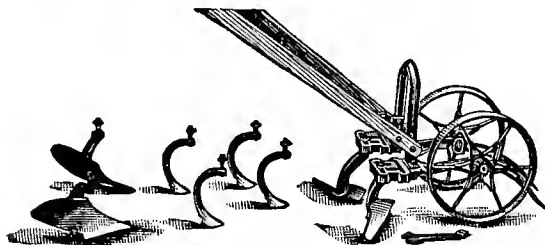
- No. 1B. For one horse, wood beam...\$5.00
 No. 2. For one heavy horse or two light horses, wood beam... 7.25
 No. 3A. 2-horse, wood beam..... 9.00
 No. 4. 2-horse, heavy, wood beam... 9.50

OLIVER PLOWS

- A2. 1-horse, plain, wood beam.....\$4.50
 10. 2-horse, medium, wood beam..... 7.75

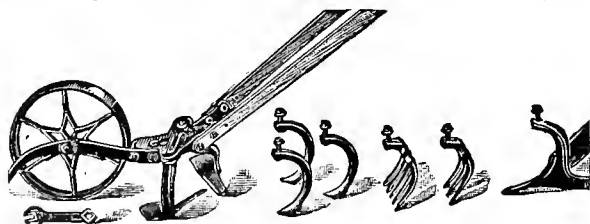
The prices above are for plain plows with clevis only. Jointers and wheels can be supplied for Nos. 2, 3, 4 and 10.

If wheel only is wanted, add \$1.00, or if jointer only is wanted, add \$2.00. We can also supply Gale and Syracuse Plows.

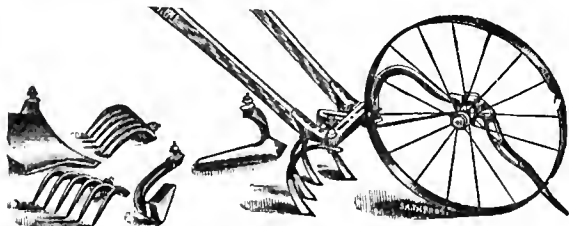


Planet Jr. Wheel Hoes

- No. 12 Double wheel (see cut).....\$6.50
 No. 13 Double wheel..... 4.50
 No. 11 Double wheel..... 8.50
 No. 14 Double wheel..... 7.50



- No. 16 Single wheel.....\$5.50
 No. 17 Single wheel (see cut)..... 4.75
 No. 18 Single wheel..... 3.25
 No. 38 Single wheel..... 6.50
 No. 30 Single wheel..... 7.50

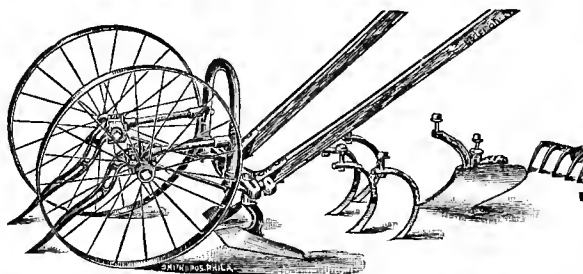


Iron Age Wheel Hoes

- No. 9 Single wheel (see cut).....\$5.25
 No. 10 Single wheel..... 3.25
 No. 11 Single wheel..... 2.50
 No. 12 Single wheel..... 3.50

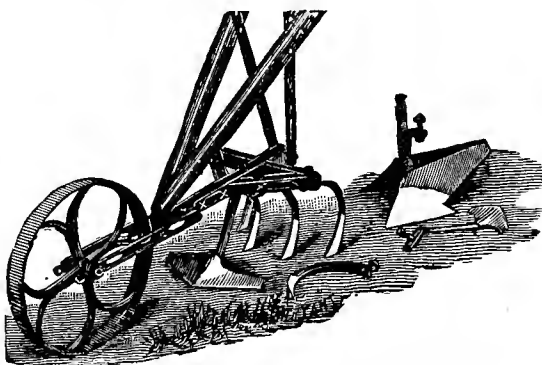
Planet Jr. Wheel Hoe Parts

- Side Hoes, per pair, 4½-inch, 80c.; 6-inch, 90c.; 7-inch\$1.00
 Side Plows, per pair..... 1.10
 Cultivator Teeth, each..... .35



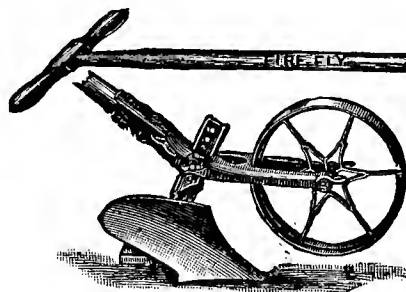
Iron Age Double Wheel Hoes

- No. 1 Double Wheel Hoe (see cut)...\$7.00
 No. 3 Double Wheel Hoe..... 4.25
 Iron Age Hand Plow (no wheel)..... 1.35



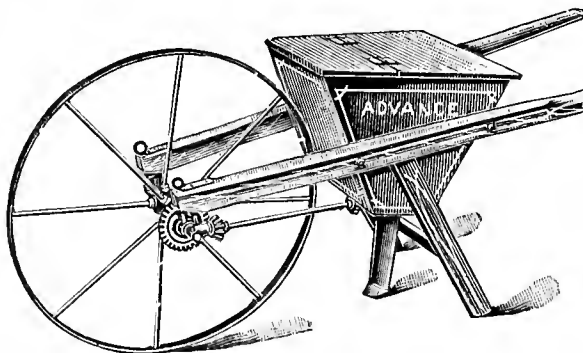
GEM SINGLE WHEEL HOE

Of garden tools this is the most popular, being low in price and complete in detail, suited for most any work in a garden. It weeds, hoes, hills and harrows. Price, \$4.75.
 Gem Double-Wheel Hoe.....\$5.75



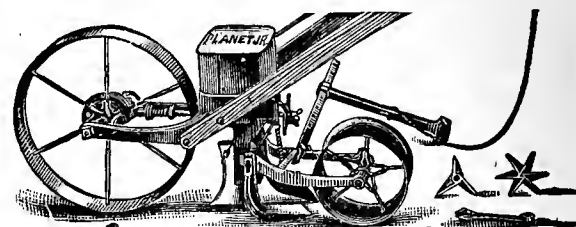
FIRE-FLY GARDEN PLOW

Exceedingly useful to every owner of a garden. It throws furrows various widths; very desirable for plowing up gardens for new crops (after general plowing in spring). Price, \$2.25.



"ADVANCE" FERTILIZER DRILL

Best low-priced distributor on the market. A shut-off to prevent the escape of fertilizer when wheeling around end of row, is a late improvement; being one of those little things which go far, however, in making a tool valuable. A first-class machine for the drilling of peas and corn. Price, each, \$6.50.



No. 4 Planet Jr.

Combined Hill and Drill Seeder, Wheel Hoe, Cultivator, Plow, Etc.

This is the most popular combined tool made. It combines in a single implement a first-class hill-dropping seeder, a single-wheel hoe or weeder, a cultivator and a plow. The hopper holds 2½ quarts of seed, which can be sown in rows, or dropped in hills at 4, 6, 8, 12 or 24 inches apart.

The drill is detached and the tool frame substituted by removing but one bolt. It then becomes a single-wheel hoe.

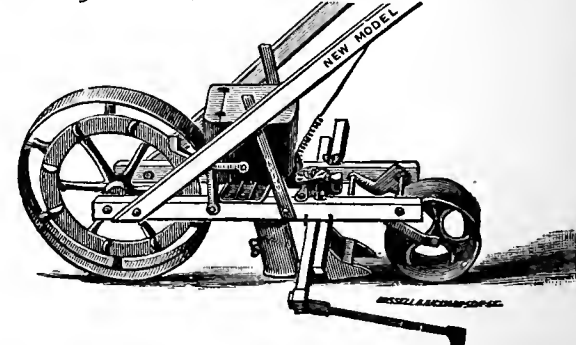
Price, complete as described above, \$10.50. As a seeder only, \$8.50.

No. 3 PLANET JR. SEEDER

This seeder is the latest and most perfect development of the hand seed drill. It sows evenly in drills, and also drops in hills at 4, 6, 8, 12 or 24 inches apart. It is thrown out of gear instantly by moving a convenient lever, or the flow of seed is stopped by pushing down the feed rod. No time is lost, no seed is wasted. It is quickly set to sow the different kinds of seed in the exact thickness required. Hopper holds 3 quarts. No. 3 Planet Jr. cannot be equipped as a wheel hoe. Price, \$10.00.

Prices of Planet Jr. Drills (Not Illustrated)

- No. 1.....\$9.00 No. 2.....\$7.00
 No. 25. Combined.....\$13.00
 No. 5\$12.50
 No. 6. Combined.....\$13.00
 No. 6. Plain, as a drill.....\$10.50
 No. 28. Combined.....\$14.50
 No. 29. Plain, as drill.....\$11.00



THE MODEL SEED DRILL

It is designed as a drill seeder only; the depth of sowing can be regulated to any desired distance. It is well named the market gardeners' drill, having a large capacity for seeds, and is a wonderfully efficient machine. Price, \$7.50.

IRON AGE SEED DRILLS

- No. 6 Double and Single-Wheel Hoe, Hill and Drill Seeder combined, complete, \$12.00. No. 7 Hill and Drill Seeder only, \$9.00.

- No. 4 Double and Single-Wheel Hoe, and Drill Seeder combined, complete, \$11.00. No. 5 Drill Seeder only, \$8.00.

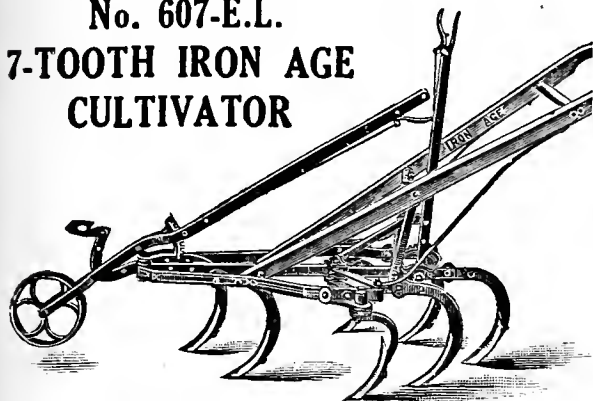
No. 22 COMBINED FERTILIZER DISTRIBUTOR, HILL AND DRILL SEEDER

The two operations—seeding and fertilizing—are done in one. Price, \$17.00.

Iron Age and Planet Jr. Farm and Garden Tools, Etc.

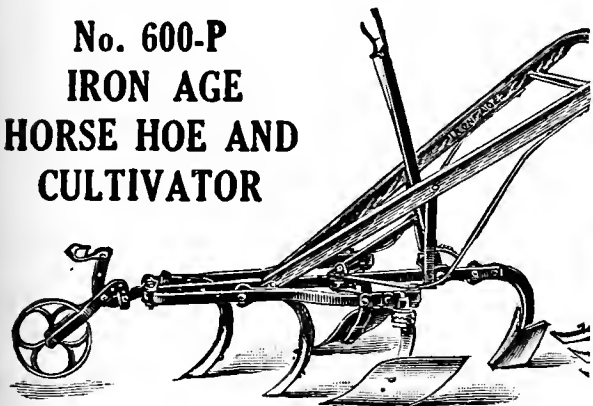
Write for a complete catalog on either IRON AGE or PLANET JR. TOOLS—Mailed Free.

No. 607-E.L. 7-TOOTH IRON AGE CULTIVATOR

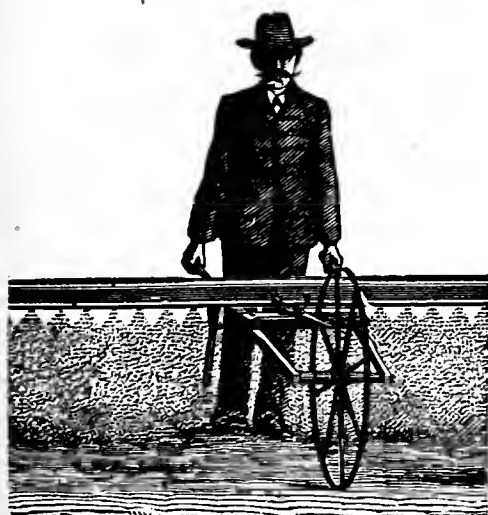


By means of the lever wheel the depth may be regulated with a single stroke of the arm; the expanding lever renders it able to go through very narrow rows successfully. The cultivator may also be used as a five-tooth machine by merely unbolting two teeth and arms. Price, \$6.50.

No. 600-P IRON AGE HORSE HOE AND CULTIVATOR



Equipped with side steels or covers, which can easily be detached, and the regular cultivator teeth, which accompany each implement, attached. Price, \$5.50.

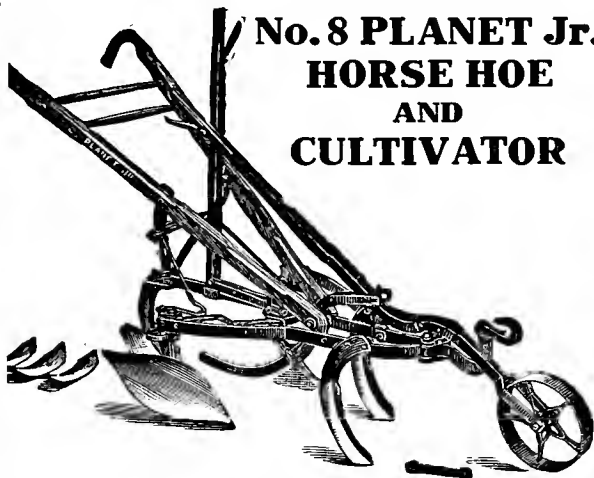


GRASS SEEDERS

These machines are now largely used for distributing grass and other seeds over large areas. The distributing box is very near the ground, which is an important feature, preventing the seed from blowing away and thus coming up unevenly.

No. 5 (14 feet sowing area), \$6.75.

No. 8 PLANET Jr. HORSE HOE AND CULTIVATOR

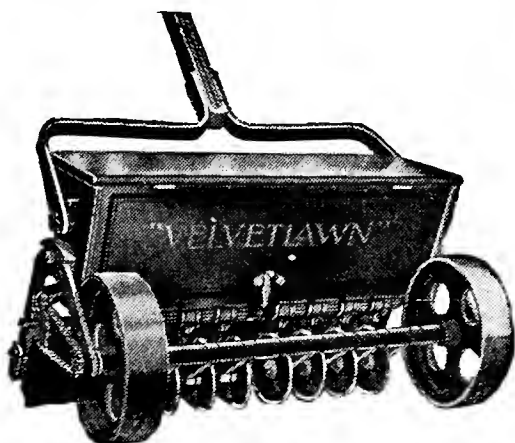


Made of steel throughout. The lever wheel and depth regulator enable the operator to increase or lessen the depth of tilling by the mere stroke of the arm. The side or covering steels and shovel which is in the rear may be taken off and the arms so turned that when the extra teeth, which accompany the machine, are attached, it presents a perfect five-toothed cultivator. Price, with cast wheel as above, \$8.50.

PLANET Jr. 7 TOOTH CULTIVATOR

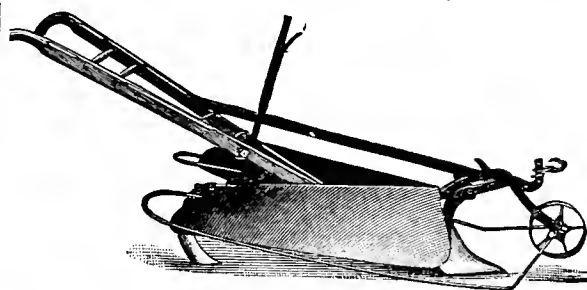


Many gardeners like the 7-tooth cultivator because it prepares the soil better than does the 5-tooth machine. The expanding lever makes possible to cultivate a row of greater width than is possible with a smaller size. Price, complete as in cut, \$7.50. Without wheel, \$6.75.



"VELVETLAWN" SEEDER

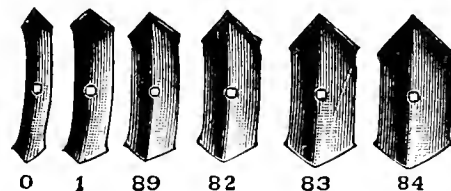
An excellent machine for properly sowing grass seed. It places it in the ground in close furrows, covers and rolls it at one operation. The result is an even, quick growth of grass. Fine for resowing in established lawns. Price, \$14.00.



Planet Jr. Double Celery Hiller

PLANET Jr. CELERY HILLER

For throwing earth against celery plants prior to blanching, nothing equals this machine. Made in two styles. Single, for hilling one side of the row. Double, for hilling one side of two rows. Price, double style, \$15.50; single style, \$12.50.



IRON AGE CULTIVATOR TEETH

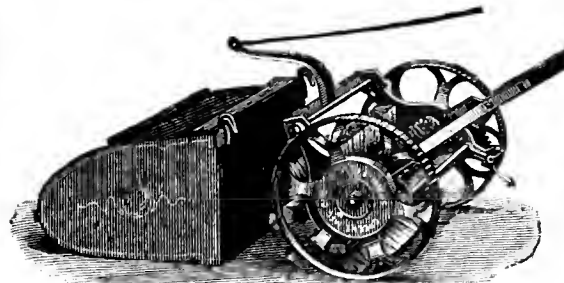
No.	Width	Each	No.	Width	Each
0	1 1/4 in....	\$0.10	82	3 in....	\$0.11
96	1 1/2 in....	.10	83	3 1/2 in....	.13
1	2 in....	.10	84	4 in....	.14
89	2 1/2 in....	.10	68	4 in....	.12

Bolts for Teeth, 3c. each; per doz., 30c.



The Stevens Fertilizer Distributor

For distributing bone meal, wood ashes and other commercial fertilizers on fields, lawns, etc. Insures perfect and even distribution, requiring less time than by the hand process. Machine holds about 1 3/4 bu., nicely finished, covering area 3 feet wide. Price, \$11.00.



APOLLO LAWN CLEANERS

For sweeping lawns, paths, golf greens, tennis courts, etc. 28 inches wide, with rubber tires. Price, \$16.25.

Michell's Lawn Mowers, Rollers, Etc.

PENNA. LAWN MOWER

Low wheel, 8-inch diameter.

10-inch.....\$6.65	16-inch.....\$9.50
12-inch.....7.60	18-inch.....10.45
14-inch.....8.55	

High wheel, 10½-inch diameter.

15-inch.....\$11.85	19-inch.....\$14.70
17-inch.....13.30	21-inch.....16.15

PENNA. JR. BALL BEARING

8-inch or low wheel, 5-blade cylinder, 5½-inch diameter.

12-inch.....\$8.05	16-inch.....\$10.45
14-inch.....9.00	18-inch.....11.40

10-inch or high wheel, 5-blade cylinder, 6-inch diameter.

15-inch.....\$12.80	19-inch.....\$15.80
17-inch.....14.25	21-inch.....17.10

PENNSYLVANIA GOLF

6 Blades	Ball Bearing	Plain Bearing	7 Blades	Ball Bearing	Plain Bearing
8-in. Wheel			9½ in. Wheel		
14-in..\$13.30	\$11.40		17-in..\$19.00	\$15.70	
16-in..15.20	12.85		19-in..20.90	17.10	
18-in..17.10	14.25		21-in..22.80	18.55	

PENNA. PUTTING GREENS

For cutting undulating greens.

10-inch.....\$10.45	16-inch.....\$16.15
12-inch.....12.35	18-inch.....18.05
14-inch.....14.25	

COLDWELL'S GREENS MOWER

Price is for either Chain or Gear Drive without Grass Catcher.

6-blade cylinder.	4-blade cylinder.
14-inch.....\$10.95	14-inch.....\$9.25
16-inch.....11.85	16-inch.....10.15
18-inch.....13.75	18-inch.....11.10
20-inch.....15.65	20-inch.....14.00

TOWNSEND'S GOLF WONDER

Without Catcher

14-inch.....\$16.35	16-inch.....\$18.50
18-inch.....19.95	

REGAL HIGH WHEEL

Ball-bearing, 5-blade cylinder.

14-inch.....\$8.55	18-inch.....\$10.45
16-inch.....9.50	20-inch.....11.40

CONTINENTAL MOWERS

High wheel.

Low wheel.

15-inch.....\$11.85	10-inch.....\$6.65
17-inch.....13.30	12-inch.....7.60
19-inch.....14.70	14-inch.....8.55
21-inch.....16.15	16-inch.....9.50
	18-inch.....10.45

GREAT AMERICAN BALL BEARING

High wheel.

15-inch.....\$9.50	19-inch.....\$11.40
17-inch.....10.45	21-inch.....12.35

PHILADELPHIA MOWERS

High wheel, style A.

High wheel, style K.

15-inch.....\$10.00	14-inch.....\$6.20
17-inch.....10.95	16-inch.....6.65
19-inch.....11.90	18-inch.....7.15
21-inch.....12.85	20-inch.....7.60

NEW DEPARTURE MOWERS

High wheel, 4-blade.

Low wheel, 3-blade.

15-inch.....\$6.90	12-inch.....\$4.25
17-inch.....7.35	14-inch.....4.50
19-inch.....7.85	16-inch.....5.00

ELECTRA LAWN MOWERS

14-inch H. W..\$4.50	12-inch L. W..\$3.35
16-inch H. W..4.75	14-inch L. W..3.55
18-inch H. W..5.00	16-inch L. W..3.80
10-inch L. W.: 3.10	18-inch L. W.: 4.00

GRAHAM (PHILA.) MOWERS

15-in. H. W..\$12.35	19-in. H. W..\$15.20
17-in. H. W..13.20	21-in. H. W..16.50

LAWN TRIMMERS

Grand for cutting around walks, drives, flower beds and borders.

Coldwell.....\$4.75	
Penna. Regular style; Ball-bearing... 4.75	
Penna. Undercut style; Ball-bearing.. 7.00	
Capitol.....5.70	
Coldwell Gem. 8-inch cut.....4.75	

GRASS CATCHERS

Braun's Make

For the Pennsylvania, Continental, Great American B. B. and New Departure Mowers.

10-inch.....\$1.35	15-inch.....\$1.70
12-inch.....1.45	17-inch.....1.80
14-inch.....1.60	19-inch.....1.90
16-inch.....1.70	21-inch.....2.00
18-inch.....1.80	

For Regal Mowers

14-inch.....\$1.50	18-inch.....\$1.70
16-inch.....1.60	20-inch.....1.80

For Coldwell Greens Mowers

14-inch.....\$1.90	18-inch.....\$2.20
16-inch.....2.05	20-inch.....2.30

K. C. GRASS CATCHER

Fits any Mower

Made of sheet iron bottom and canvas sides. Price, 12- to 16-inch size, \$1.15 each; 18- to 22-inch size, \$1.30.

HORSE LAWN MOWERS

Coldwell, 25-in.\$36.00
Coldwell, 30-in. \$52.50, with seat and shafts \$57.00.

Coldwell, 35-in. \$66.50, with seat and shafts \$71.25.

Coldwell, 40-in. \$80.00, with seat and shafts \$85.50.

Penna. Pony, 25-in.,\$28.50

Penna. Horse, 30-in., \$57.00, with seat and shafts, \$68.40.

Penna. Horse, 38-in., \$74.10, with seat and shafts, \$85.50.

Penna. Grand Horse Mower

30-inch cut, with draft irons.....\$61.75

30-inch with seat and shafts.....73.15

38-inch cut, with draft irons.....80.75

38-inch with seat and shafts.....95.00

The above prices are for horse mowers with 4-blade cylinders. Price for 6-blade cylinders on application.

Phila. Eagle, with seat and shafts.

30-inch.\$67.50 | 35-inch.\$82.50 | 40-inch.\$100

Philadelphia, with draft irons only.

30-inch.\$60.00 | 35-inch.\$72.00 |

LAWN MOWER OIL (Best Quality)

Quart 20c., 35c. per ½-gallon, gallon 65c., \$2.50 for 5 gallons.

"BOSS" HAND LAWN ROLLERS

No.	Diam.	Long	Sec.	Lbs.	
No. 1—15 in.	15 in.	2	150.....	\$7.25	
No. 2—15 in.	22 in.	3	200.....	9.25	
No. 3—20 in.	16 in.	2	225.....	10.50	
No. 4—20 in.	20 in.	2	250.....	11.75	
No. 6—20 in.	24 in.	3	300.....	14.00	
No. 7—20 in.	24 in.	2	300.....	14.00	
No. 8—20 in.	30 in.	3	350.....	16.25	
No. 9—24 in.	20 in.	2	400.....	18.25	

WATER BALLAST ROLLERS

No.	Sec-tions	Diam.	Width	Weight Empty	Weight filled with Water	Price
H.W. 6	1	24	24	185	560	\$14.00
H.W. 8	1	24	32	200	710	15.50
H.W. 10	2	18	24	160	360	14.75
H.W. 12	2	24	32	230	710	19.25

We can also supply other sizes of water ballast rollers.

BOSS HORSE ROLLERS

No.	Diam.	Length	Weight	Price
40	24 in.	30 in.	650 lbs.	\$38.50
41	24 in.	40 in.	800 lbs.	45.50
42	24 in.	50 in.	950 lbs.	52.00
45	28 in.	50 in.	1200 lbs.	65.00
63	24 in.	60 in.	1450 lbs.	57.00
65	28 in.	48 in.	1350 lbs.	55.00
66	28 in.	60 in.	1650 lbs.	65.00
67	28 in.	72 in.	1950 lbs.	75.00

Also all other sizes.



GRASS SHEARS

No.			
3075.	6-inch, English	.....	\$0.90
3075.	7-inch, English	.....	1.10
119.	7½-inch, Saynor (inside spring)	.....	1.35
120.	7½-inch, Saynor	.....	1.50
360.	6 -inch, English	.....	.65
361.	5½-inch	.....	.55
263.	5½-inch, Trowel Shank	.....	.45
268.	5½-inch, Extra Heavy	.....	.55
273.	American	.....	.30



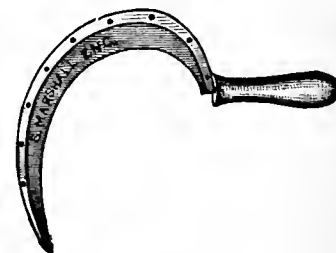
SCYTHES

	Each
English, 32-inch, rivet back.....	\$1.10
English, 34-inch, rivet back.....	1.10
English, 36-inch, rivet back.....	1.20
English, 38-inch, rivet back.....	1.20
English, 38-inch, solid back.....	1.35
American, Little Giant, 32-inch.....	.80
American, Little Giant, 34-inch.....	.90
American, Little Giant, 36-inch.....	1.00
Bush .....	.85
SNATHES for Scythes .....	.70



SHARPENING STONES

	Each	Doz.
Talacre	\$0.15	\$1.50
Darby Creek .....	.10	1.10
Carborundum .....	.20	2.25



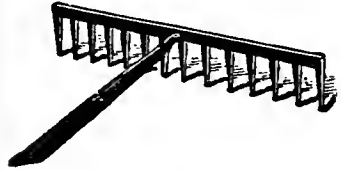
SICKLES OR GRASS HOOKS

English Soldier, No. 3, each, 55c.;	\$5.75 doz.
English Soldier, No. 2, each, 45c.;	5.25 doz.
English Soldier, No. 1, each, 45c.;	5.25 doz.
Dutch, small, No. 1, each, 25c.;	2.75 doz.
Dutch, large, No. 2, each, 30c.;	3.25 doz.
Little Giant, each, 45c.;	5.00 doz.
Solid Back, No. 2, each, 40c.;	4.50 doz.
Village Smithy, each, 40c.;	4.50 doz.

**STEEL GARDEN RAKES**

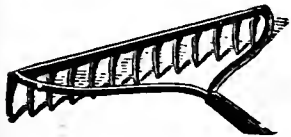
Made of best cast steel, with long teeth for penetrating the ground.

5 tooth.....\$0.30	12 tooth.....\$0.50
6 tooth......40	14 tooth......55
8 tooth......40	16 tooth......60
10 tooth......45	18 tooth......65

**STEEL GRAVEL RAKES**

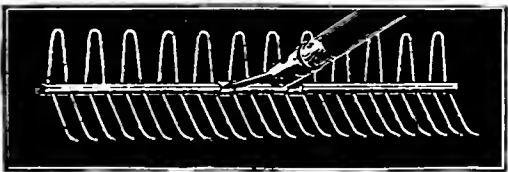
These rakes are used for road-raking and for paths. Having very short teeth they do not gather up stones or gravel.

12 tooth.....\$0.50	16 tooth.....\$0.60
14 tooth......55	18 tooth......65
20 tooth.....\$0.70	

**STEEL BOW RAKES**

Preferred by many to the regular garden rake. The teeth are slightly bent toward the operator.

11 tooth.....\$0.55	13 tooth.....\$0.60
15 tooth.....\$0.65	

**GIBBS OR LAWN QUEEN RAKE**

Made of heavy tinned steel wire. These are excellent for lawn or walk work. The rake is reversible and will answer several purposes.

24 tooth.....\$0.45	36 tooth.....\$0.65
---------------------	---------------------

**OLE OLSEN LAWN RAKES**

This rake head is slightly curved from the centre to each end which does not allow any material that has been caught by the teeth to slip around the edges.

26 tooth, hickory wood. Price, 45c.

**LAWN KING RAKES**

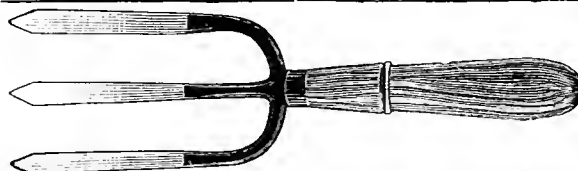
Made of best hard wood, thoroughly braced with iron. The most excellent wooden lawn rake in the market.

22 tooth.....\$0.25	38 tooth.....\$0.65
26 tooth......45	50 tooth......90

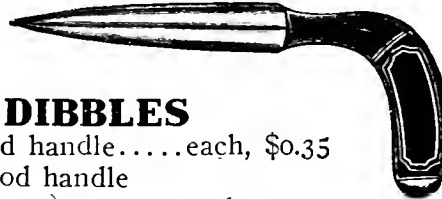
**LANG'S HAND WEEDER**

HANDIEST TOOL ON EARTH.

25c. each, doz. \$2.50



Eureka Weeding Fork, 25c. each, doz. \$2.50

**DIBBLES**

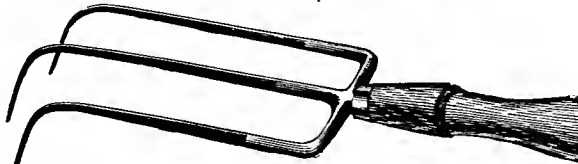
Iron, wood handle.....each, \$0.35

Brass, wood handle

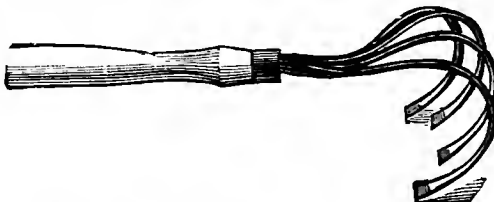
(5 for \$2.25).....each, .50



Hazeltine Weeder, 25c. each, doz. \$2.50



Eureka Weeder, 25c. each, doz. \$2.50

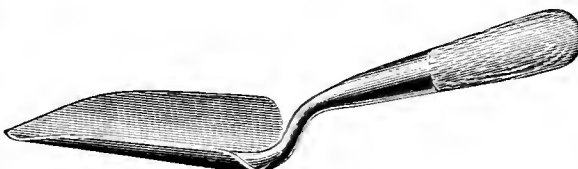


Yoder Weeder, 25c. each, \$2.50 per doz.

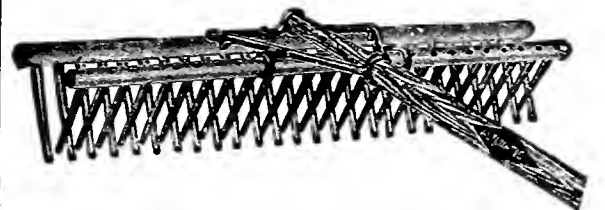
**JOHNSON'S STEEL TROWELS**

These are made of one piece steel blade and shank, equal to the imported trowels.

	Doz.	Each
211. 5 inch	\$3.25	\$0.30
211. 6 inch	4.50	.40
211. 7 inch	5.50	.50
211. 8 inch	6.50	.60

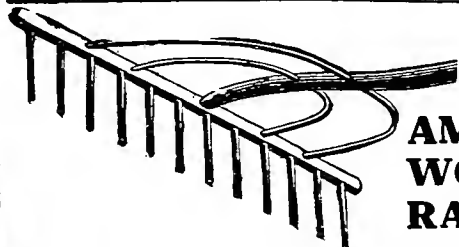
**STEEL SHANK TROWEL**

Many prefer these as they are somewhat longer in blade and handle, making a very practical tool. 6 in. blade. One of them will last a lifetime. 50c. each, doz. \$5.50.

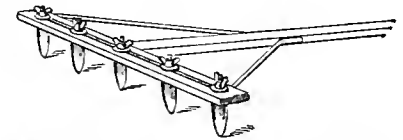
**AUTOMATIC LAWN RAKE**

This rake is fitted with an unloading head. While raking, this head lies forward, and upon pressing the rake forward, the unloading head moves backward cleaning out the raking head entirely.

22 tooth.....\$0.45	38 tooth.....\$0.90
26 tooth......55	50 tooth.....1.25

**AMES WOODEN RAKES**

14 tooth with wood bows. For hay, etc.	\$0.50
24 " " " " lawns	.65
24 " " steel " "	.70

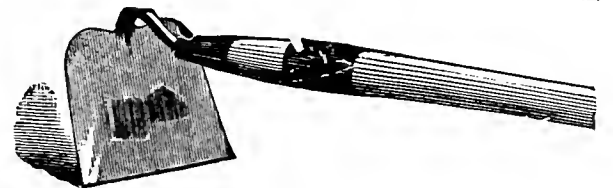
**MARKING RAKES**

These are for marking out garden rows; adjustable brass teeth, which are set for any width row desired up to 4½ ft. Price, 5.00. (Extra teeth, 50c. each.)

**HALF MOON HOES**

Best steel, solid sockets, which will not pull out.

3-inch	\$0.30	6-inch.....\$0.45
4-inch .....	.35	7-inch......50
5-inch .....	.40	8-inch......55

**SQUARE HOES**

6-inch, solid shank.....	\$0.40
7-inch, solid shank.....	.45
8-inch, solid shank.....	.50

SQUARE CELERY HOES

10-inch	\$0.75	14-inch.....\$1.15
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CLEVE'S ANGLE TROWEL

For getting dandelion, plantain and other weeds out of the lawn, etc.

5-in\$0.12	7-in....\$0.15	8-in....\$0.20
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MISCELLANEOUS TROWELS

	Each	Doz.
No. 213—5-in., Thin Steel,	\$0.08	\$0.80
No. 213—6-in., Thin Steel,	.10	1.00
No. 213—6-in., Heavy Steel (Neverbreak) ..	.12	1.25

All Prices subject to Market Changes

**HORTICULTURAL KNIVES**

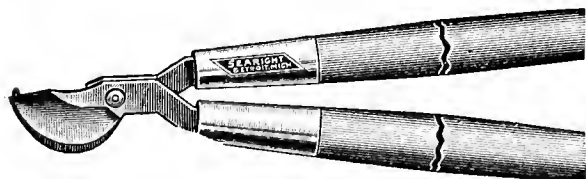
400.	Saynor Budding, 1 blade.....	\$1.35
401.	Saynor Budding, 1 blade.....	1.35
343.	Saynor Budding, 2 blades.....	1.60
778B.	German Budding, 1 blade.....	.60
01859.	German Budding and Pruning, 2 blades.....	.75
04993.	German Budding and Pruning, 2 blades.....	.80
2852 1/2.	German Budding, 1 blade.....	.90
924.	English Pruner, 1 blade.....	1.00
928.	English Pruner, 1 blade, large.	1.35
105.	German Pruner, 1 blade, steel band, cocoa handle.....	.65
727W.	German Budding, 2 blades....	.90

**GRAFTING
TOOL**

Best English steel for grafting trees, etc.
With Wood Handle.....\$0.70
With Steel Handle......55

GRAFTING WAX

1/4 lb., 8c.; 12c. 1/2 lb.; 1 lb., 20c.; 90c.
per 5 lbs.

**LOPPING SHEARS**

These are used in trimming trees and
for cutting heavy hedge that the regular
hedge shear will not cut.

Rockdale Style\$0.90
Searight Style (see cut). Has a tre-
mendous leverage, which means easy
cutting; made of the finest American
steel 1.75

SINGLE PLANK LADDERS

Made of good hard wood, free
from faulty knots; with perfect
rounds.

10-foot	\$2.20
12-foot	2.64
14-foot	3.08
16-foot	3.56
18-foot	3.96
20-foot	4.40

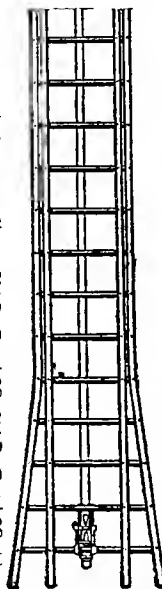
Longer sizes up to and including
24-foot, 22c. per foot.

**EXTENSION
LADDERS**

These are made in
the best manner pos-
sible, are complete,
being equipped with
the necessary rope
and pulleys.

16-foot	\$4.32
18-foot	4.86
20-foot	5.40
22-foot	5.94
24-foot	6.48
26-foot	7.02
28-foot	7.56
30-foot	8.10
32-foot	8.64
34-foot	9.18

36 to 44-foot size at
26c. per foot.

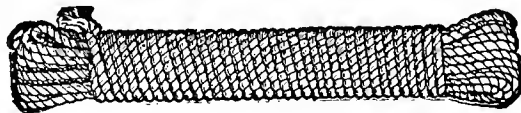
**GARDEN
REELS**

Small, Single...	\$0.45
Medium, Single...	.70
Large, Single...	1.25
Large, Double...	1.80

GARDEN LINE

Best Italian hemp.	
60 feet.....	\$0.35
90 feet.....	.55
120 feet.....	.70
300 feet.....	1.40
100 feet, braided.	.70

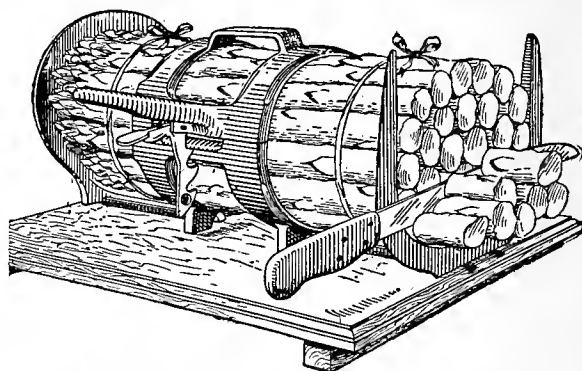
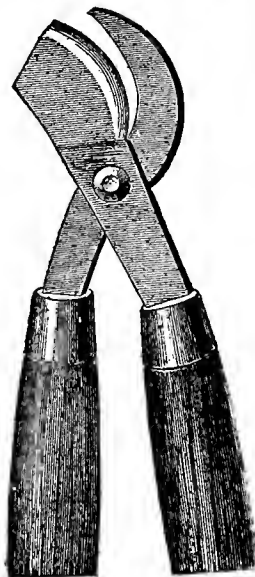
Single Garden Reel
Plow Line Cotton, 45-foot hanks, 35c.

**RHODES
LOPPING SHEAR**

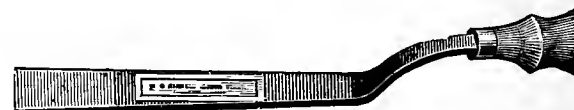
For trimming
trees, bushes,
heavy shrubbery,
etc.

Makes an abso-
lutely clean, per-
fect cut, the blades
are concaved at
the cutting edge,
producing with the
handles an enor-
mous leverage.
They are the easi-
est operating Lop-
ping Shears ever
made or sold. 24-
inch handles.

Price, \$2.35
Clipper Lopping Shear.....\$1.80
English Lopping Shear..... 3.15

**ASPARAGUS BUNCHERS**

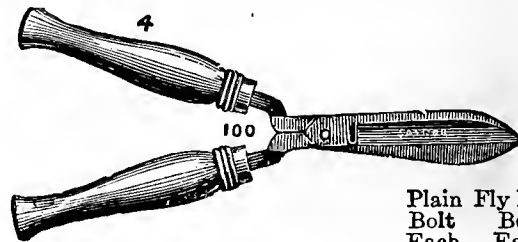
Even where one has a limited amount
of asparagus to market it pays to use a
buncher. It is quickly tied and looks uni-
form. **Buncher**, with Knife Guard, \$1.50.

**ASPARAGUS KNIVES**

Bateman's (see cut).....\$0.25
American. V-shaped blade..... .40

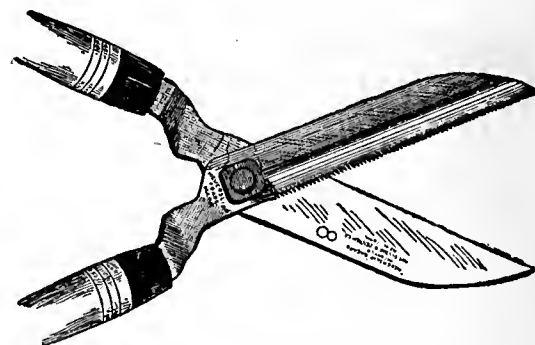
ASPARAGUS TAPE

A beautiful shade of cherry red in 1000-
yard spools, waterproof. When tied with
this material asparagus will bring fully 20
per cent. more. \$2.00 per spool; 5 spools,
\$9.75.

ENGLISH HEDGE SHEARS

	Plain Bolt Each	Fly Nut Bolt Each
107-5 1/2-inch, Ladies'.....	\$0.90	
101-8-inch	1.35	\$1.80
101-9-inch	1.58	2.03
101-10-inch	1.75	2.25
101-12-inch	2.25	

Handles for Hedge Shears, 50c. per pair.
Fly Nuts for Hedge Shears, 30c.

**HEDGE SHEARS (Neverslip)**

As may be seen by the illustration, these
shears have a saw edge on one blade which
prevents them from slipping when cutting,
made of the best quality English steel.
8-in....\$1.60 | 9-in....\$2.00 | 10-in....\$2.25

SAYNOR HEDGE SHEARS (Fly Nut)

For very heavy hedges.
9-in.....\$2.25 | 10-in.....\$2.50

UNIQUE HEDGE TRIMMER

A practical tool for trimming the summer
growth of hedge. 16-inch cut, \$5.00.



SPADING FORKS

Strapped shanks, short or D-wood handle.
Made of best quality steel. Each

Men's, 4 tine.....	\$0.90
" " 5 ".....	1.05
Boys' or Ladies', 4 tine.....	.50



STEEL SPADES

Ames, Short Handle.....	\$1.25
Maynard, Short Handle.....	1.25
Nursery (Ames), Short Handle.....	1.60
Imperial, Short Handle.....	.90
Long Handled Imperial.....	.90
Boy's.....	.75
English Turf.....	3.80



SHOVELS

We handle only the very best makes of steel shovels. Every one is guaranteed to give entire satisfaction.

Short Handle		Each
Ames, round point.....	\$1.25	
Ames, square point.....	1.25	
Maynard, solid socket, square point....	1.25	
Maynard, solid socket, round point....	1.25	
Imperial, round point.....	.90	
Imperial, square point.....	.85	
Long Handle		
Ames, round point.....	\$1.25	
Imperial, round point.....	.90	
Imperial, square point.....	.90	
Featherweight, round point, 4 1/4 lbs..	1.10	
Maynard, round point.....	1.25	



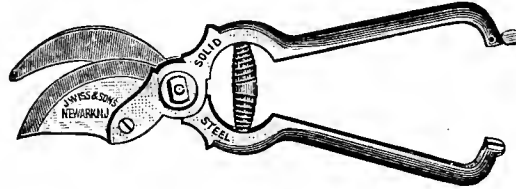
LEAF RACKS, WATER BARRELS, ETC.

The truck is constructed so that the barrel may be attached quickly and the leaf rack or stone box may be detached.

Leaf Rack only, no truck.....	\$5.00
" " with 1 1/2 inch truck.....	11.00
" " " 2 1/2 " ".....	11.75
" " " 3 1/2 " ".....	12.50
Water Barrel with 1 1/2 inch truck....	9.75
" " " 2 1/2 " ".....	10.50
" " " 3 1/2 " ".....	11.00
Extra Barrels with trunnions.....	3.25
Keystone Leaf Rack.....	3.80

PRUNING SHEARS, ETC.

Our pruning shears are procured from the most reliable makers in America and Europe and but 03 are fully guaranteed in every particular.



No. **Wiss Pruning Shears**

109 Wiss, 8 in.	\$1.75
190 Henckle Pattern, 7 1/2 in.	1.00
200 " " 8 1/2 ".....	1.25
210 " " 9 1/2 ".....	1.50
Searight (Compound), 8 1/2 in.	1.60

The Henckle patterns are equipped with a ratchet nut which takes up all wear and allows the shear to make a perfect cut.

Rhodes' Double Cut, 9 in. \$1.60

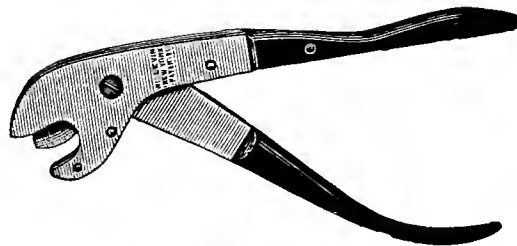
88 Hessenbruch, 8 in. ....	.90
1537 German, 8 in. ....	.55
03 American, 8 in. ....	.30
23 Ladies' nickeled, 4 1/2 in. ....	.65
23 " " 5 1/2 ".....	.75
23 " " 6 1/2 ".....	.90



FRENCH PRUNING SHEARS

These have a distinct, very easy working, spring and are especially desirable for one whose hand is liable to fatigue when pruning.

French, small, 7 inch.....	\$1.10
" large, 8 1/2 inch.....	1.35

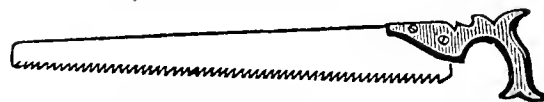


LEVIN PRUNER

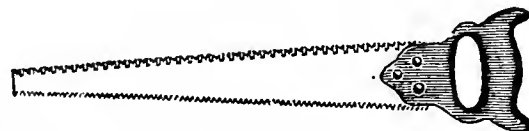
On account of its peculiar construction, the handle of this shear affords a great deal of leverage. Ideal for cutting stakes. Price, 60c.

Spiral Springs for Pruning Shears, 8c. each; per doz., 85c.
Springs for French Pruning Shear, 20c.

PRUNING SAWS



16 inch, single edge.....	\$0.60
18 " " ".....	.70
20 " " ".....	.85
22 " " ".....	1.00



18 inch Duplex (double edge).....	\$0.75
20 " " ".....	.85

Searight Adjustable Tree Saw. Can be worked from any angle..... .90

TREE PRUNERS



Disston's Pole Pruner

Pruner and Saw

Disston's Little Giant. (See cut)....\$1.00
Disston's Little Giant. With saw attachment. (See cut)..... 1.35



TELEGRAPH TREE PRUNER

Price, \$0.85.

HESSENBRUCH TREE PRUNER

No.	Price
5340	\$1.10
1820	2.25
1806	1.60
1805 .....	.65



WATERS TREE PRUNERS

With removable cutting blade and pole complete.

4 feet	\$0.65
6 ".....	.75
8 ".....	.90
10 ".....	1.00
12 ".....	1.10
14 ".....	1.35

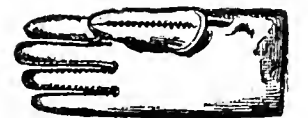
Extra Blades for Waters Pruners, 20c. each.

None of the above Tree Pruners except the Waters are equipped with poles or rope.

Searight Compound Lever Tree Pruners
8 ft. Pole.....\$1.25 | 10 ft. Pole.....\$1.45
12 ft. Pole..... 1.60 | 14 ft. Pole..... 1.80

POLES for Tree Pruners.
12 feet long, 1 1/4 inches diameter.....\$0.40
14 " " 1 1/2 " "..... .70
16 " " 1 1/2 " "..... .90

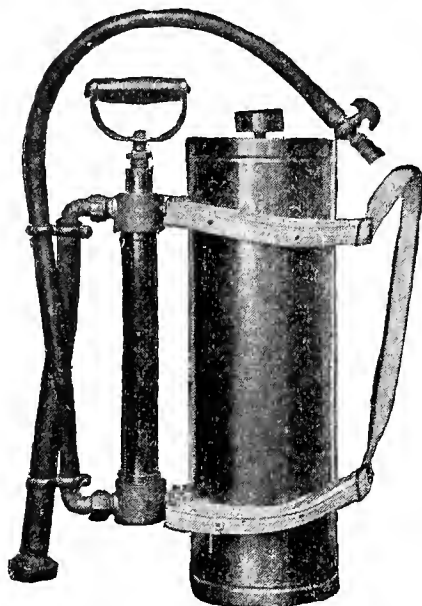
LEATHER PRUNING GLOVES



Buckskin, pair	\$1.35
Ordinary, pair	1.10
Buckskin, with gauntlets, pair.....	1.75

Sprayers and Insecticide Distributing Apparatus

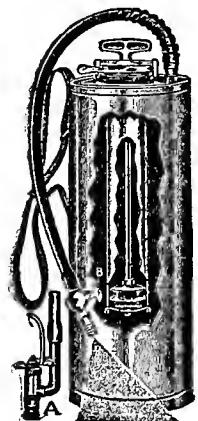
THE BIDWELL COMPRESSED AIR SPRAYER



Absolutely the best of all the compressed air sprayers; the heavy sheet-copper tank has a capacity of 5 gallons; the pressure capacity is 45 pounds. Unlike most other sprayers, this one will empty the contents of the reservoir with one charge; the pump is independent

of the tank and every part can be gotten at. Every piece is brass and copper except the hose and washers. The liquid is pumped into the reservoir through the same hose which takes in the air. Fitted with a famous Winkle-Mist nozzle; full directions with each one, together with our full guarantee. Price, \$14.25 each.

THE AUTO SPRAY



Auto Spray showing Auto-Pop Attachment

Now used by all leading florists and fruit growers. It operates with compressed air; safe and efficient; liquid capacity, 4 gallons; pressure capacity, 40 lbs.

No. 1-A Brass, equipped with hose and regular nozzle, \$6.00.

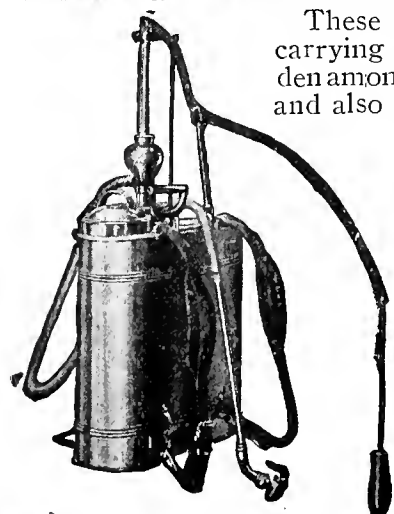
No. 1-B Brass, equipped with hose and Auto-Pop Attachment, \$6.50.

No. 1-C Galvanized Iron, equipped with hose and regular nozzle, \$4.00.

No. 1-D Galvanized Iron, equipped with hose and Auto-Pop, \$4.50.

Auto-Pop Nozzle Attachment controls the flow instantly by a pressure of the hand. When purchased separately, \$1.35 each.

DEMING KNAPSACK SPRAYERS



and hose. Price, \$9.00.

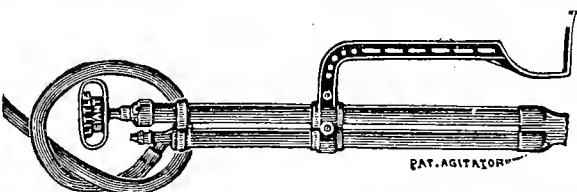
These are elegant for carrying around the garden among shrubbery, etc., and also for tree work.

Fig. 675. Copper tank, holding about 5 gals., complete, with pump, nozzle and hose. Price, \$13.75.

Fig. 564. Galvanized tank, holding about 5 gals., complete, with pump, nozzle



Success (without bucket fastener)...\$3.70
Perfect Success (with bucket fastener) 4.15



MYER'S BUCKET PUMP

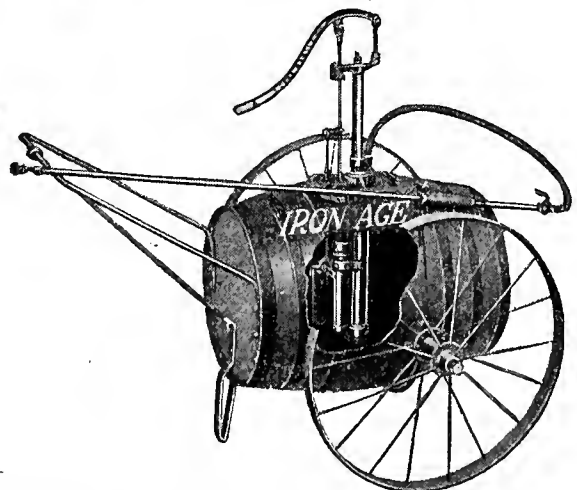
This is a double brass chamber arrangement, and fills the want of those desiring a medium-priced sprayer.

Price, \$2.85, including hose and nozzle.

JUNIOR SPRAY PUMP



No. 5—For bucket use; the pump works on a spring device, making compression which discharges the liquid. The most practical bucket pump for one person to use. All brass and excellent value. Just the thing for the man with a small fruit garden, a few greenhouses, or a hen house that needs spraying. Complete with hose and nozzle. Price, \$2.75.



IRON AGE SPRAYER, No. 197

A perfect outfit for gardens, small farms, poultry, plants, etc.; capacity, 20 gals. Pump all brass with a 6-inch stroke, large air chamber with a 100-lb. pressure capacity; bronze brass ball valves of easy access. Equipped with a perfect agitator, 4 feet of extension rod with hand grip and 4 feet of 1/2-in. hose, stop cock and nozzle. \$15.75.

SPRAY BUCKET PUMPS

These are made entirely of brass except the foot rest, bucket fastener and hand grip. For years we have sold them with entire satisfaction. The prices below do not include bucket, but include nozzle and 3 1/2 feet of 3/8-in. hose.

OTHER IRON AGE SPRAYERS, not shown here; send for descriptive list.

No. 1901—Capacity 50 gals., equipped with 15 ft. 1/2-in. hose, 1 nozzle, \$22.00.

Equipped with two 15-ft. lengths of 1/2-in. hose and 2 nozzles, \$25.50.

No. 194. Equipped with a 50-gal. barrel, 15 ft. of 1/2-in. hose and nozzle, \$17.25.

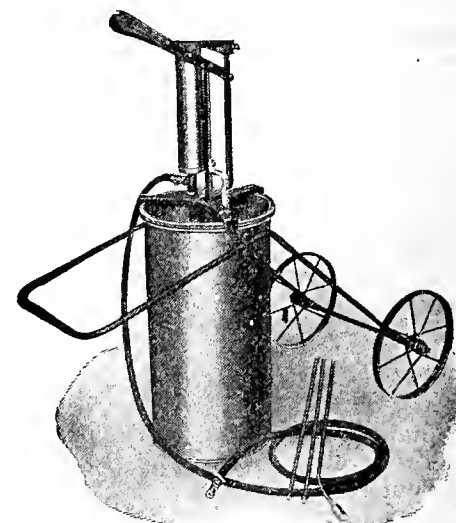
No. 194. Equipped with hose and nozzle only, \$13.85.

Plain pump, without hose or nozzle, \$9.50.

No. 194T—This is the same as the above pump equipped with a 2 1/2-in. truck, barrel, 15 ft. of 1/2-in. hose and nozzle, \$25.00.

No. 194T—Without hose or nozzle, \$21.75.

No. 195—Really a duplicate of No. 197, except that it is equipped with a 16-qt. bucket and a 2-ft. extension rod, \$7.50.



No. 3 Paragon Sprayer

THE PARAGON SPRAYER

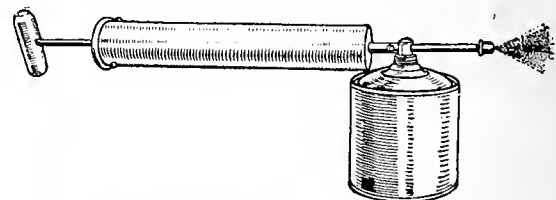
Especially desirable for the reason that it is not necessary to strain the material before pouring it into the reservoir; although we recommend that this be done; guaranteed to give absolute satisfaction. Excellent for applying whitewash or cold water paint.

No. 0—With a 3-gal. reservoir, 4 ft. of hose, nozzle and extension pipes. Price, \$7.15.

No. 1—With a 5-gal. reservoir, 5 ft. of hose and 2 extension pipes, \$9.50.

No. 3—Equipped with a 12-gal. tank mounted on a truck, three 2 1/2-ft. extension pipes, 2 nozzles and 10 ft. of hose, \$14.25.

No. 4—Mounted on a two-wheel truck; equipped with 10 ft. of extension pipe, 20 ft. of hose, and 2 nozzles. Complete, \$21.00.



AUTOMATIC COMPRESSED AIR SPRAYER

This is the grandest hand sprayer ever offered, very easily operated.

Tin.....each, \$0.90 | Brass.....each, \$1.75

CYCLONE HAND SPRAYERS

Similar to the above except they do not have the automatic air reservoir attachment.

Tin.....each, \$0.40 | Brass.....each, \$0.80

Simplex Barrel Pump

One of Deming's very best sprayers. Fitted with brass cylinders. Equipped with an automatic agitator. Will throw a stream 40 feet. **Plain Pump**, no hose, nozzle or barrel. \$7.15.

Outfit A—Pump, with 12½ ft. ½-in. hose, fitted with a Bordeaux or Vermorel nozzle and pole connection for reaching into trees, no barrel. \$10.00.

Outfit B—Pump, with two 12½-foot sections of ½-in. hose, two Bordeaux or Vermorel nozzles, pole connection, no barrel. Price, \$13.00.

Century Pump

A very powerful pump; working parts are entirely of brass; has large air chamber; also a perfect agitator and a long fulcrum link, which enables the operator to work the pump with little effort. The pump is largely submerged, which places it out of the way of all

obstructions on the outside.

Price for plain pump, no barrel or hose, \$10.00.

Price, complete, with 12½ ft. ½-in. hose and nozzle, no barrel, \$13.00. Price, with two 12½-ft. leads, hose and nozzles, no barrel, \$16.00.

Barrels, with trunnions ready to mount on truck, with cut head, \$3.25.

**Gardener's Choice Spray Outfit**

Here is an equipment that is easily worth \$5.00 more than we ask for it; truly it is the greatest value in spray pumps we have; the reservoir holds 25 gals.; the pump has brass cylinder, and it is a complete equipment with hose and nozzle. Just the proper thing for use in greenhouses with wide aisles or without benches. Price, \$15.00.

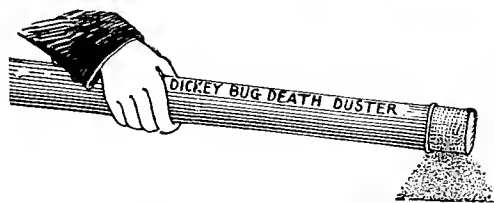
**Vaporizing Lamp**

Practical and indestructible, all metal, burns kerosene, used for dispensing fumes of Nicotine, Tobakine and other preparations of this sort. 50c. each, doz., \$5.00.

Paris Green Shakers

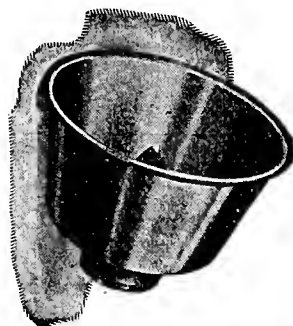
Tin. For dusting vegetables, potatoes, small fruit and shrubbery, 45c. each.

Farmer's Favorite. (See cut.) Large double-action affair, \$1.15 each.

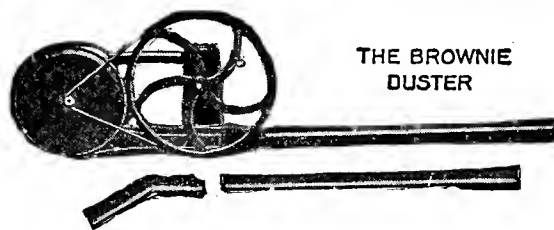
**Dickey Duster**

Excellent for distributing Bug Death, Slug Shot, etc. Price, 25c.; by mail, 35c.

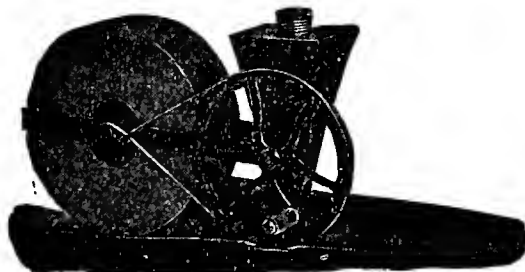
"Acre an Hour" Sifter. 70c. each.

**Copper Strainer**

For straining whitewash, spraying material, etc. 90c. each.

**Brownie Gun**

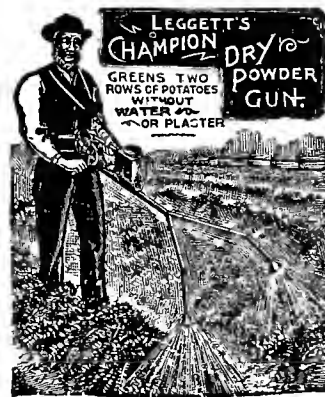
For distributing all Insect Powders for indoor or outdoor use. Price, \$3.75.

**Sulphur Blower**

For distributing sulphur and insecticides of various kinds. Made of heavy metal with no wearout to them. A man can dust a very large house in a few minutes, using one of these blowers. Price, \$4.00.

Champion Gun

For distributing dry insecticides, of all kinds, indoors or out. Will save its price in material the first six months of use. Price, \$7.50.

**Fumigators****Perfection Make**

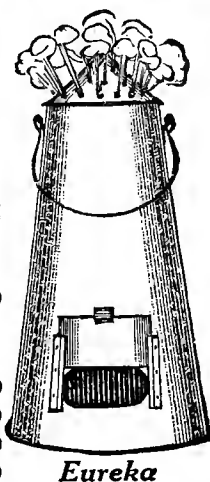
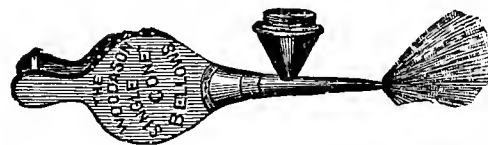
Fitted with a Water Tank to prevent burning out.

No.

1	for house, 12 x 40 ft.	\$2.75
2	" " 15 x 100 ft.	3.25
3	" " 20 x 100 ft.	3.75
5	" " 20 x 150 ft.	5.00

Eureka Make

1	for house, 10 x 20 ft.	\$1.00
2	" " 12 x 40 ft.	1.50
3	" " 15 x 100 ft.	2.00
4	" " 20 x 100 ft.	3.00

**Eureka****Bellows**

Large Double Cone.....	\$2.70
Large Single Cone.....	1.80
Small Single Cone.....	1.00
Liquid Spraying.....	\$1.35 and 1.80
Sulphur Bellows.....	1.35

Copper Strainer

For straining whitewash, spraying material, etc. 90c. each.

Spray Nozzles 3/8 in. thread

Bordeaux and Vermorel.....	each, \$0.70
Mistry, Jr.....	.85
Winkle Mist.....	.70
Paragon style.....	.35
Duplex Vermorel (2 nozzles).....	1.40
Triple Vermorel (3 nozzles).....	2.15
Quadruple Vermorel (4 nozzles).....	2.15
Duplex Mistry (2 nozzles).....	2.75
For 3/4-in. connections, add 25c.	

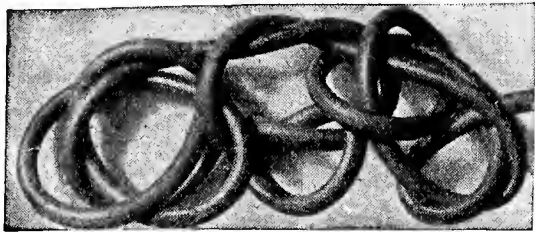
Extension Pipes, Etc.

For reaching into trees (3/8-in. threads).

Bamboo, with brass tube, 8 ft.....	\$1.90
" " " 10 ft.....	2.25
Galv. Iron, 2 ft., for Auto Sprays.....	.25
Brass, 2 ft., for Auto Sprays.....	.40
Pet Cock, for extension pipes.....	.35
Iron Age. Fig. 419—Steel pipe 10 ft. long, with an angle connection, stop cock, 2 hand grips and drip guard, for 1/2-in. thread.	
Price, \$2.55.	

Iron Age. Fig. 420—Bamboo casing with brass pipe inside, with angle connection, stop cock, 2 hand grips and drip guard, 10 ft. long. Price, \$3.60.

Extensions for Paragon Sprayers, 2 1/2 ft. 45c. each.



RUBBER HOSE

Michell's Rubber Hose is noted for its reliability in every way. We buy from the manufacturer in enormous quantities.

	Per Foot
Bull Dog , 3/4-in., 7-ply.....	\$0.15
Standard , 3/4-in., 4-ply.....	.11
Reliable , 3/4-in., 3-ply.....	.12 1/2
" 1-in., 3-ply .....	.21
" 3/4-in., 4-ply .....	.15
" 1-in., 4-ply .....	.26
" 1/2-in., 4-ply .....	.11

*Any Length, 3/4-in. (500 ft., \$67.50)	.14 1/2
*Electric, 3/4-in. (500 ft., \$78.00)....	.16
*Electric, 1/2-in. ....	.14 1/2
*Revero, 3/4-in. (500 ft., \$78.75)....	.16
*Revero, 1/2-in. ....	.14
Spray Hose , 3/8-in. ....	.11

P. S.—Brands marked * come in reels of 500 feet and sections in any length to that number of feet may be had.

Longer sections of hose coupled free. Smaller sections coupled at the rate of 15c. per pair for couplings.

Hose Washers. For inside and outside of couplings. 5c. doz.; 1/4 lb., 20c.; 70c. lb.

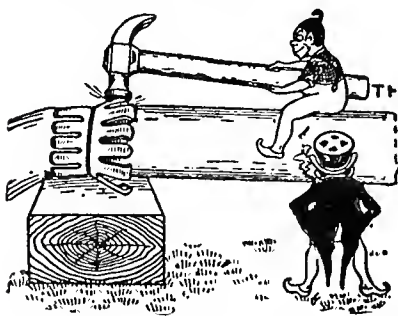
Hose Protectors. For fastening to greenhouse bench legs. Keeps hose from wearing out. 25c. each; doz., \$2.50.



HOSE MENDERS

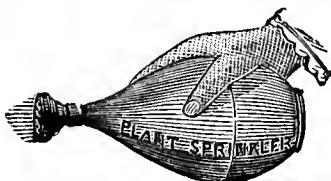
	Each	Doz.	100
Cooper's —3/4-in.	\$0.07	\$0.75	\$5.75
" 1/2-in. ....	.07	.75	5.75
Jones' —3/4-in. (iron) ...	.05	.50	3.50
Hudson's —3/4-in. (brass) .04	.42	3.00	
" 1/2 " " .04	.42	3.00	

PERFECT HOSE MENDER



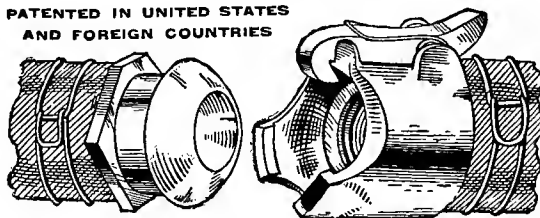
Made entirely of brass, with swivel motion—no band required. For 3/4 inch hose, 8c. each; doz. 80c.; \$6.25 per 100.

RUBBER PLANT SPRINKLERS



Straight Neck.	
No. 1.....	\$0.85
No. 2.....	.75
No. 4.....	.50
Angle Neck.	
Large.....	\$0.85

PATENTED IN UNITED STATES
AND FOREIGN COUNTRIES



SNAP HOSE COUPLING

Snap Couplings are entirely new and novel. They couple hose instantly, work on a spring, and are water-tight. 25c. per pair; doz. pairs, \$2.75; \$20.00 per 100.

SNAP COUPLING PARTS

No. 2—Male (see left hand illustration above). 8c. each; doz., 85c.; \$6.50 per 100.

No. 1—Female (see right hand illustration above). 17c. ea.; doz., \$1.90; \$13.50 per 100. Washers for Snap couplings, 20c. doz.

BOSTON SPRAY NOZZLE



These render the same service as does the rose of a watering can. They are screwed on the end of the hose like any other nozzle. Coarse and fine screen, 3/4-inch, All Brass, 60c.; by mail, 75c. Copper (Sheet), 50c.; by mail, 60c.

BOSS HOSE NOZZLES

For 3/4-inch hose.
Price, 40c. each.

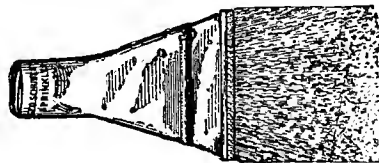


GEM HOSE NOZZLE

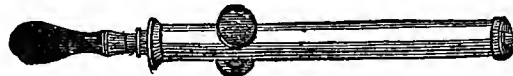


3/4-inch hose. Can be regulated to give three different streams. Price, 30c.

RAINBOW NOZZLE



This nozzle gives the same result as when the thumb is placed over the hose, \$1.50.



BRASS SYRINGES

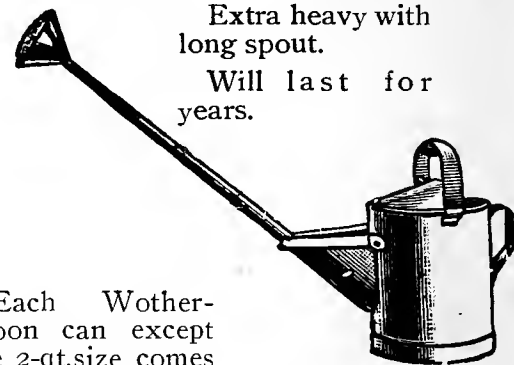
No.	Diam.	Length	Price
99	1 1/2"	18"	Spray rose only.....\$2.25
101	1 1/4"	14"	Spray rose and stream 1.75
101	1 1/2"	16"	" " " " 3.00
104	1 3/4"	18"	2 " " " " 5.00
107	1 3/4"	20"	(Adjustable).....4.50
Lewis (Sheet Brass), 1 qt. capacity, \$1.60.			

RUBBER APRONS

For protecting the clothing while watering or doing any work in the garden where your clothes could become soiled. Price, \$1.50.

WATER CANS WOTHERSPOON'S MAKE

Extra heavy with long spout.
Will last for years.

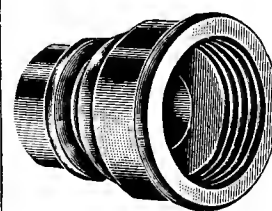


Each Wother Spoon can except the 2-qt. size comes equipped with two roses, one coarse and one fine.

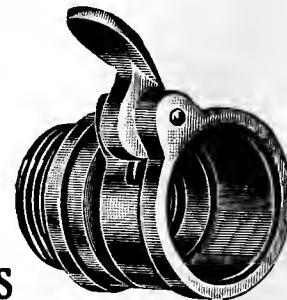
	Wotherspoon Make Round	Oval	Light Galvanized Make
2-quart	\$1.05		
4 "	1.44		\$0.30
6 "	1.67	\$1.89	.40
8 "	1.80	2.12	.50
10 "	2.03	2.34	.55
12 "	2.34	2.57	.65
16 "	2.84	3.20	.90
20 "			1.15

12-qt. Manure Watering Can.....\$2.50
4-qt. Fern or Low Watering Can... 1.35

Extra Roses for Wother Spoon Watering Can, either coarse or fine, 30c. each.



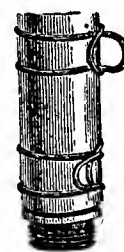
No. 3



No. 4

ACME COUPLINGS

No. 3, for spigot. 15c. each, doz. \$1.40.
No. 4 part, for attaching to hose. 25c. each, doz. \$2.40.
Couplings complete, consisting of one No. 3 and one No. 4 part, 35c. each; doz. \$3.60.



Caldwell Band
as applied to Hose



HOSE BANDS

For fastening couplings and menders in hose.

No.	CALDWELL'S	Doz.	100
8—For 3-ply hose	\$0.15	\$0.90	
6—For 4-ply hose .....	.15	.90	

HUDSON'S

1/2-inch	\$0.15	\$0.90
3/4-inch .....	.18	1.00

SURE GRIP

3/4-inch, 4c. each; doz., 40c.; \$2.75 per 100.



The effects of using Daylite Glass Cleaner

DAYLITE GLASS CLEANER

For taking off whitewash shading, etc.

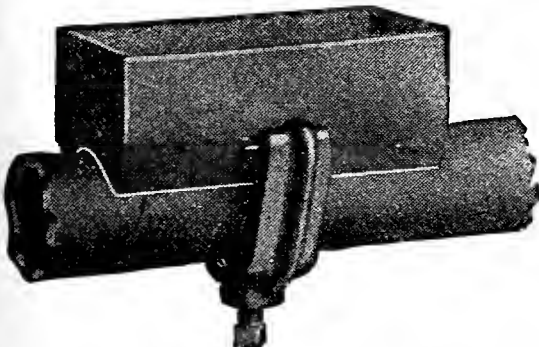
Daylite Cleaner

Is the most powerful cleaner on the market. It is self-acting—the minute it is put on the glass, it commences to work for you. All you need to do is to apply it with a brush, leave it on a few minutes and rinse off with cold water.

Will not injure paint or putty.

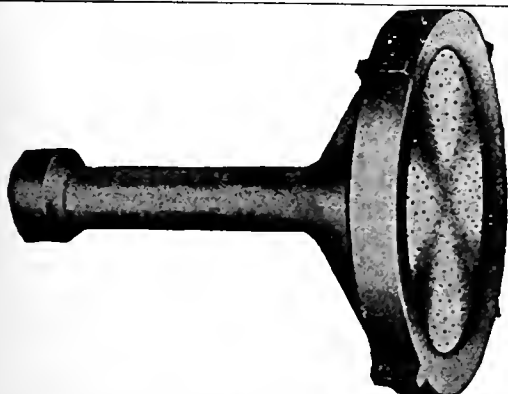
Will always leave the glass clean and free from grease.

The cost of cleaning greenhouse glass is about one-fifth cent per square foot. One gallon will clean about 400 to 600 square feet of glass. Price, 1 gal., \$1.00; 5 gals. for \$4.50.



THE BATE EVAPORATOR

This consists of a bottomless pan, which fits directly over your steam or hot water pipes, the latter making the bottom of the pan. Made for 1-inch, 1½-inch and 2-inch pipe. Always state for which size it is wanted when ordering. Price, f. o. b. factory: Each, 60c., per dozen, \$6.60. Larger quantities at 50c. per pan.



THE BINKS NOZZLE

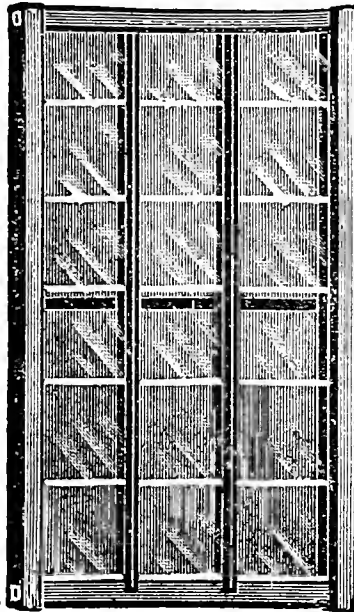
Made of aluminum, with brass face, equipped with interchangeable sprays, coarse and fine. It makes watering possible without wetting the hands. Positively the best and most indestructible nozzle made. \$2.50 each; worth twice the price.

HOT BED SASH

Made of best quality cypress, 1¾ in. thick; 3 ft. 1½ in. wide, 6 ft. long. Glazed with 8 x 10 in. glass, 4 lights wide, laid in putty.

Plain, regular style, not glazed or painted.

Each \$1.35; \$15.00 per doz.



Glazed, regular style, including painting and puttying. Each \$3.00; \$35.00 per doz.

All glazed sash are shipped at purchaser's risk, although we pack very carefully to insure safe arrival.

Packing Charges on regular style Glazed sash only, 10c. each; doz., \$1.20.

Note: The above sash are 4 lights wide.

SUNLIGHT SASH (Double Glass)

Plain Unglazed....each, \$2.15; doz., \$24.50

Glazed and Painted, each, 4.25; doz., 50.00

Crating Glazed Sunlight, 15c. extra.

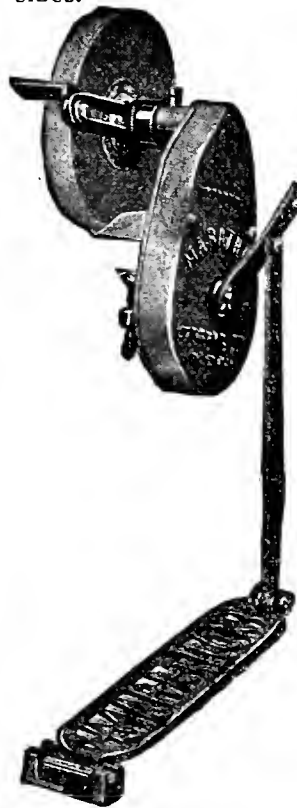
Special Prices quoted on sash in large quantities or special sizes.

MARATHON GRINDERS

Every florist needs a good grinding machine. By a combination of cut spur gears and steel cut pinions arranged in the "Marathon," we obtain a very high speed. This insures the quickest cutting results from the corundum stone with minimum wear.

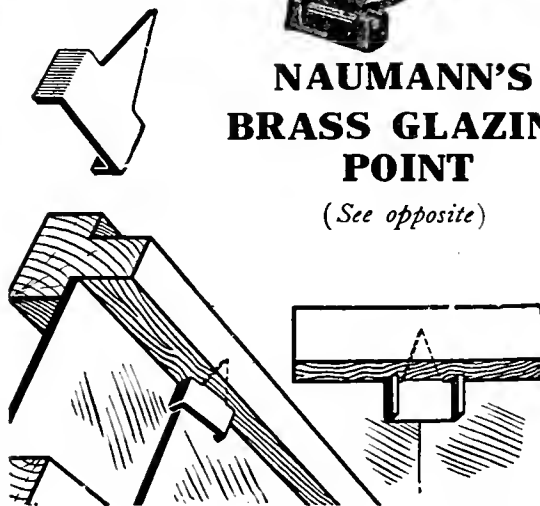
- | | |
|-----|-------------------|
| No. | In. |
| 1, | wheel ¾x5, \$4.25 |
| 2 | " 1x5, 5.25 |
| 3 | " 1x6, 6.25 |
| 4 | " 1x7, 7.00 |

If treadle is wanted, add \$1.40 to the above prices.



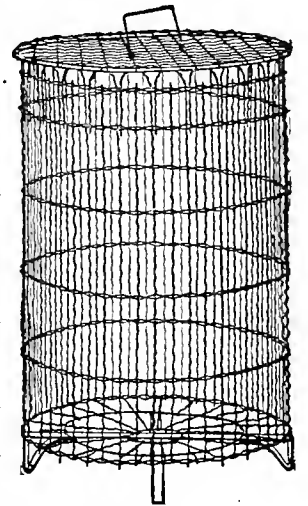
NAUMANN'S BRASS GLAZING POINT

(See opposite)



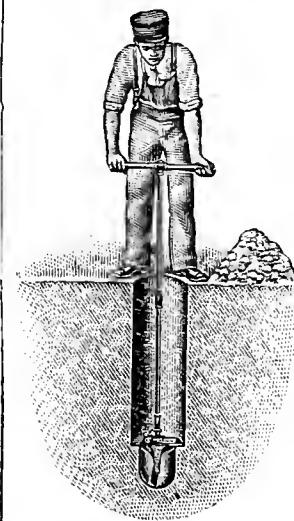
MICHELL'S RUBBISH CONSUMERS

Made of heavy galvanized wire, an indispensable arrangement for burning rubbish, paper, leaves, etc., without endangering property. Will last a life's time.



- | | |
|--|--------|
| Letter A—12 in. diam., 18 in. high.... | \$1.10 |
| Letter B—15 in. diam., 22 in. high.... | 1.35 |
| Letter C—18 in. diam., 26 in. high.... | 1.60 |
| Letter D—21 in. diam., 31 in. high.... | 2.25 |

No. 8 POST HOLE DIGGER



This is really an earth auger, as will be seen by the illustration; will bore a hole 3½ ft. deep and can be adjusted in diameter from 8 to 14 inches. It can be emptied instantly; it is made of the finest steel and a man with one of these can do 3 times as much work as with

an ordinary digger. Price, \$3.25 each.

No. 15 Eureka Posthole Diggers 90c. ea.

MEHLER HANDY GARDENER

An entirely distinct tool. No hoe is needed where this is used; just the thing for working among flower and vegetable plants. 70c. each.



PATENTED
NOV. 8, 1910

THE NEW WAY

WEEDER BLADE

NAUMANN'S GLAZING POINTS

For many years there has been room for a brass glazing point that would be moderate in price. The "Naumann" is the invention of a practical florist, who knew the needs of the trade. In this point there are no rights or lefts. It is adapted either for single or double thick glass. Is easily driven, and above all things is rust-proof, something that cannot be said of any other glazing point. It requires only 2 for each light of glass, which is held in position most securely. 1000 points in a package, 75c.; (by mail, 90c.). 10,000 points for \$7.00.

PUTTY BULBS (See Cut)

The best appliance for distributing putty. One day's work by the old method of glazing can easily be done in four hours by the use of the distributor. Each, 90c.; by mail, \$1.00.

MASTICA

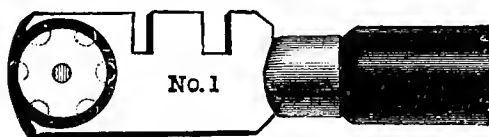
1/2 gallon\$0.70 | 5 gallons\$6.25
1 " 1.35 | 10 " 12.00
Mastica Machineeach, \$1.25

TWEMLOW'S PUTTY

16-lb. can (1 gallon), \$1.45; 50-lb. kit (3 gallons).....\$4.25
80-lb. kit (5 gallons)..... 7.00
160-lb. kit (10 gallons).....13.75
1/2 barrel (25 gallons)31.25
Per barrel (50 gallons)57.50

HAMMOND'S GREENHOUSE WHITE PAINT

The manufacturer claims this paint is superior in quality and lower in price than any other material of the same character. It is largely used now in place of the ordinary grade of white lead.
Per gallon.....\$1.85 | 10 gallons for.....\$17.25
3 gallons for..... 5.50 | 25 gallons for..... 42.00
5 gallons for..... 9.00 | 50 gallons for..... 80.00

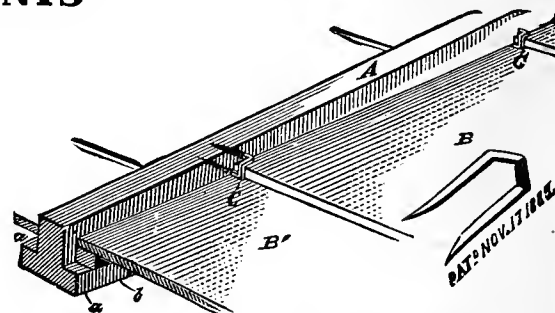
GLASS CUTTERS

Each
Small Diamond\$2.50
Large Diamond 3.75
Single Wheel, Steel.. .15
(Doz., \$1.50)
6-Wheel Adjustable. .30

**PEERLESS GLAZING POINTS**

Nos. 1, 2, 2 1/2 Tinned.
Nos. 1 and 2 are for single thick glass.
No. 2 1/2 for double thick glass. 60c. per 1000; 5000 for \$2.75.
By mail, 76c. per 1000.

PINCERS, for driving Peerless Points, 50c. per pair.

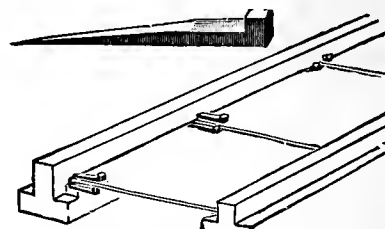


Peerless Glazing Points

Siebert's Style Points. (See opposite cut.) 5/8 inch, 6/8 inch and 7/8 inch, 35c. per lb.; 10 lbs., \$3.00. By mail, 50c. lb.

ZINC NAILS, 5/8, 3/4 and 7/8 inch, 20c. per lb.; 5 lbs., 90c. By mail, 36c. per lb.

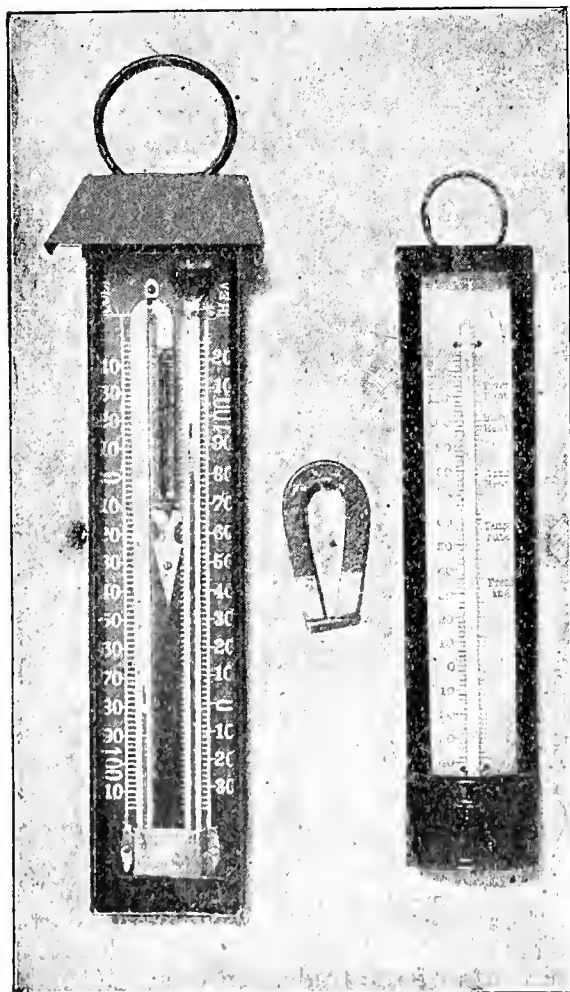
Nauman's Glazing Points. (Brass.) 75c. per 1,000. By mail, 90c.



Siebert's Glazing Points



Especially valuable for securing large lights of glass. Made of zinc, will not rust. Will save lights of glass worth from 20 cents to 30 cents each. Price, \$1.00 per 100.

RELIABLE THERMOMETERS AND THERMOSTATS

A reliable thermometer is a very necessary thing in a greenhouse establishment. Ours are selected with great care and we especially recommend the "Three Point Test."

MAXIMUM AND MINIMUM

Registering the coldest and the warmest point during previous night.
8-inch, each, \$2.50; per 1/4 doz., \$6.75;
10-inch, each, \$2.75; per 1/4 doz., \$7.50.

THREE POINT TEST THERMOMETER

This thermometer is positively accurate and may be depended upon at all times. We can supply these in Mercury or Spirit Glass; state which is wanted in ordering.

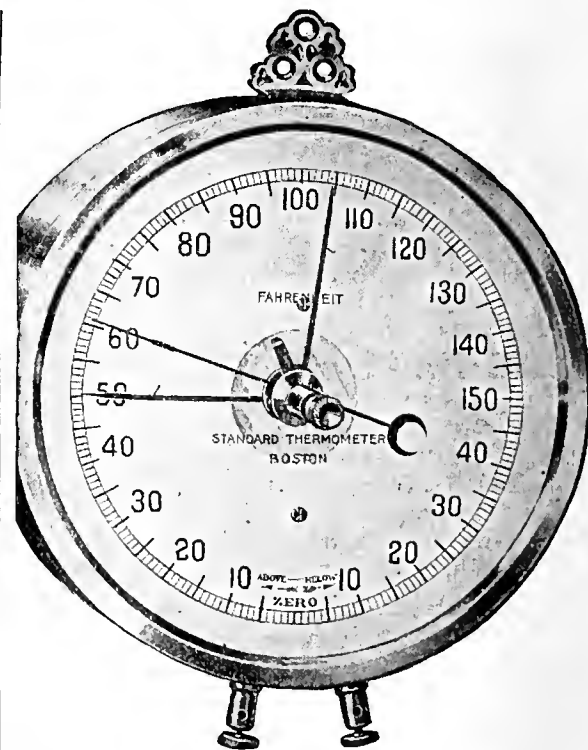
	Each	Doz.
5420B. 8-inch, Tin Case.....	\$0.40	\$4.00
5420B. 10-inch, Tin Case.....	.55	5.50
5420B. 12-inch, Tin Case.....	.85	9.00
5154. 8-inch, Copper Case....	.65	6.50
5154. 10-inch, Copper Case....	.85	8.50
5100. 8-inch Wood Back, Black Scale	1.10	12.00
5100. 10-inch Wood Back, Black Scale	1.25	13.00
5132. 8-inch, Wood Back, Porcelain Scale .....	.80	9.00
5132. 10-inch, Wood Back, Porcelain Scale	1.00	11.00

Standard Tin Case Thermometers

	Each	Doz.
5420W. 8-inch	\$0.25	\$2.75
5420W. 10-inch .....	.35	3.75

**MUSHROOM OR HOT BED THERMOMETERS**

Galvanized Iron Point (can't rust),	Each, \$0.90
Brass Point.....	1.35

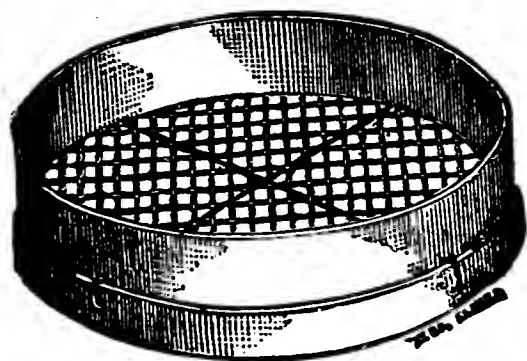
**Style 1—THERMOSTAT** (See Cut)

This will be found far more reliable than the old method of having a thermometer attached to an ordinary thermostat and bell. Furnished complete with the exception of wire, battery and bell. All brass, Not waterproof style, \$5.00; Waterproof Style, \$10.00.

RECORDING THERMOMETERS

Show accurately the temperature during every hour of the night. We can furnish them with 30 daily or 12 weekly charts. Made of solid brass. No. 300 (extra quality), \$25.00; No. 100, \$20.00.

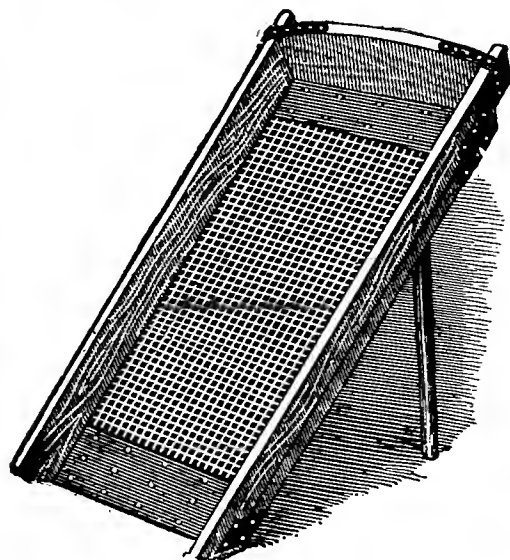
All Prices Subject to Market Changes



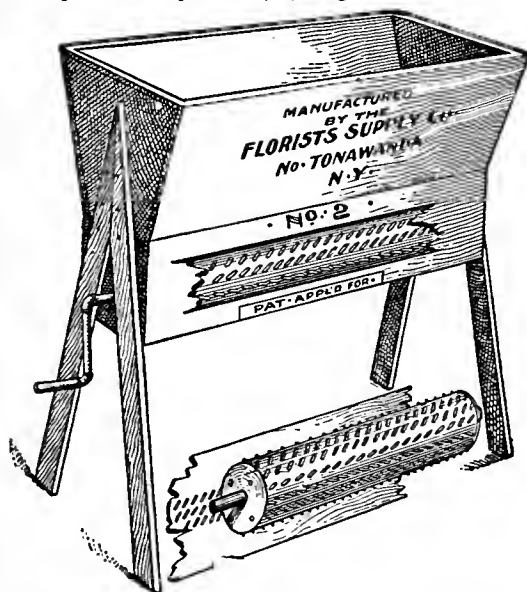
SIEVES (ANY SIZE MESH)

Made extra well, of galvanized wire and hard wood.

	Each
20 inch Foundry (extra heavy)	\$0.75
20 inch Regular wire .....	.65
18 inch Regular wire .....	.55



Large Upright Sieve for soil, gravel, sand, etc. Made in any size mesh, of extra heavy foundry wire, \$7.25 each.



Sod Crusher and Soil Pulverizer

These machines are equipped with a hopper, and a roller, the latter being spiked. It is turned by means of a handle and crushes the soil perfectly, avoiding the necessity to sift.

No. 1, \$15.00 | No. 2, \$20.00 | No. 3, \$30.00

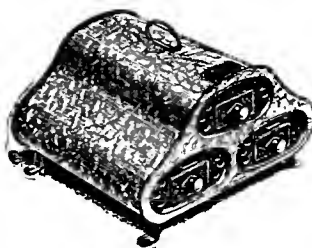
We can also supply Wolff's Automatic Soil Sifters. Write for prices.

Liquid Manure Distributor (See Opposite)

This can be attached to hose with which you are watering and, connected with a barrel of liquid manure, the suction of water will draw a quantity of manure with it. All brass.

Price, \$1.50 each. (By mail, postpaid, \$1.65.)

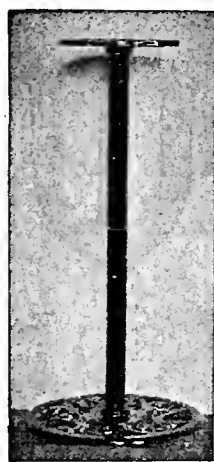
WAGON AND AUTOMOBILE HEATERS



These heaters will keep the temperature above freezing in most any ordinary closed vehicle during the severest weather.

No.	Each
5. Single drawer, 14 in. long.....	\$1.75
5B. Single drawer, 14 in. long covered with Brussels carpet	2.00
9B. Single Drawer, 12 in. long, covered	1.25
9B. 12 in., Brussels carpet cover.....	1.50
7. 20 in.	3.00
10. Three drawers. (See cut.)	6.25
Coal for Wagon Heaters. 70c. per doz. bricks; per 100, \$5.00.	

Tongs for Handling Hot Coals. 25c. Illustrated circular on request.



IRON PLANT STANDS

STAR STYLE

Somewhat similar to the "Superior," excepting that they are not fitted with the tilting device, and are finished in black varnish.

Height	Each	Doz.
12 inches ...	\$0.60	\$6.75
18 " ...	.70	8.00
24 " ...	.85	9.50
30 " ...	1.00	11.25
36 " ...	1.25	14.00
42 " ...	1.35	15.00

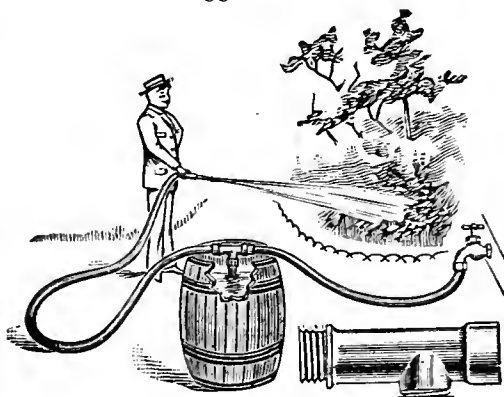
SUPERIOR STYLE

Can be tilted to set your plants at any angle desired to produce the proper decorative effect. Enameled green.

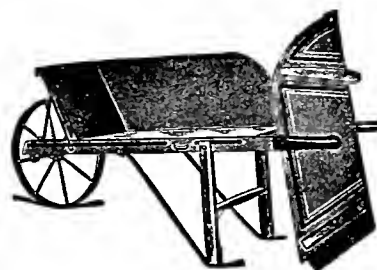
Height	Size of Plates	Price Each	Per Doz.
12 inch.....	5 x 7	\$0.75	\$8.25
18 "	5 x 7	.80	9.00
18 "	8 x 10 1/2	.95	10.75
24 "	8 x 10 1/2	1.05	12.00
24 "	8 x 12	1.15	13.25
30 "	8 x 10 1/2	1.20	13.75
30 "	8 x 12	1.30	14.75
36 "	8 x 10 1/2	1.30	14.75
36 "	8 x 12	1.40	15.75
42 "	8 x 10 1/2	1.40	15.75
42 "	8 x 12	1.50	17.00
48 "	8 x 12	1.60	18.00
60 "	8 x 12	1.70	19.25
72 "	8 x 12	1.80	20.00

EXTRA PLATES FOR IRON STANDS

	For Superior	For Star
Height	Each	Doz.
5 inch	\$0.22	\$2.50
7 " .....	.30	3.30
8 " .....	.40	4.50
10 1/2 " .....	.50	5.50
12 " .....	.55	6.00



WHEELBARROWS MICHELL'S SPECIAL GREENHOUSE



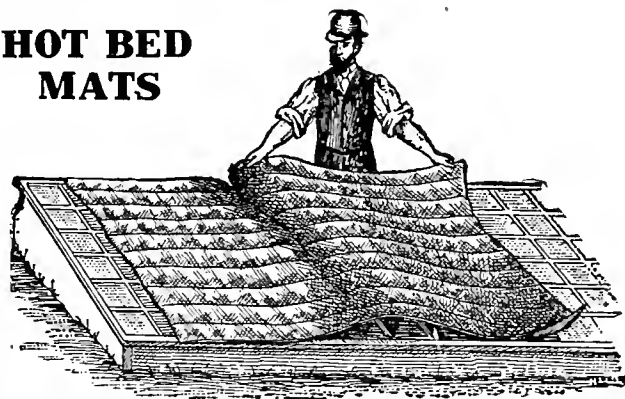
This a very narrow barrow, designed for use in aisles of a greenhouse. Box measures inside 14 inches in front, 17 ins. in back, and 12 inches deep. Handles, 4 feet, 8 inches long. Spread of handles at hand hold 20 inches, which is extreme width of barrow. Furnished in 18-inch diameter wheel. Nicely painted and striped. Price, each, \$4.25.

Special Greenhouse Barrow

OTHER WHEELBARROWS

	No.	Tire In.	Length In.	Depth In.	Width In.	Price
Nu-Way..	1 1/2	26 1/2	11	25		\$5.00
Old Gov=						
ernment	1 1/4	31	9	26		3.50
Eastern	.4	3	26 1/4	11 1/2	27	4.25
"	.5	3	28 1/4	11 3/4	27	4.50
Jacobs	.2	1 1/4	24 1/2	11	23	3.50
"	.3	1 1/2	25 1/2	12	24	4.25
"	.4	2	27 1/2	14	26	4.50
Boys	.2	1	21 3/4	9 1/4	20	2.75
Canal-Side						dump (bolted) 2.25

HOT BED MATS



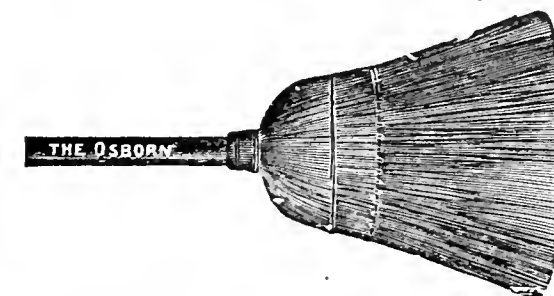
The Burlap, and Duck and Burlap are the best mats that it is possible to procure. Rats and mice do not harbor in them, and they are otherwise practically indestructible. **Burlap.** 76 x 76 inches, covering two regular size sash. Each, \$1.40; doz., \$16.00. **Burlap.** 40 x 76 inches, for one sash. Each, 90c.; doz., \$9.90. **Duck and Burlap.** This style is water-proofed on one side. 40 x 76 inches. Each, \$1.15; doz., \$12.60. **Duck and Burlap.** 76 x 76 inches. Each, \$1.55; doz., \$18.00.

We can supply the following mats any length desired:

Duck and Burlap Mats. 76 inches wide at 26c. per running foot.

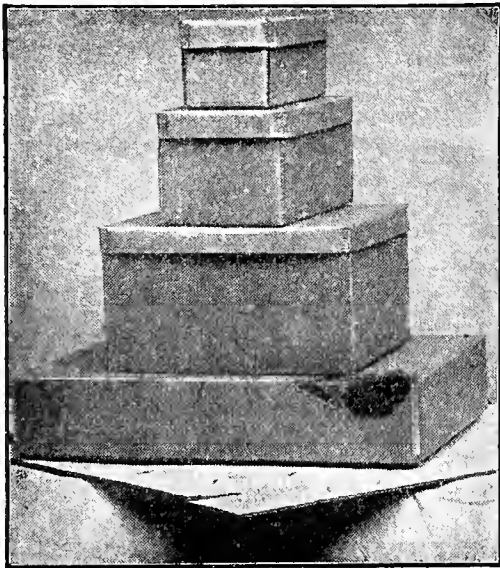
Plain Burlap Mats. 76 inches wide at 23c. per running foot.

Straw Mats. 3 x 6 feet.....\$0.90 \$10.50
" " 6 x 6 feet..... 1.25 14.00



GREENHOUSE BROOM

Made of Japanese Fibre. No wear out to it. Price, 55c. each; 2 for \$1.00.



CUT FLOWER BOXES

Used almost exclusively for carrying and shipping cut flowers; they are lighter than wooden ones, carry the contents as safely, will stand numerous trips, and when needed to be replaced involve small expense.

Special sizes to order in lots not less than 100 of a kind. Price on application.

CORRUGATED PAPER

60 x 20 x 12, inch	.....	\$0.50	\$5.00	\$37.50
42 x 14 x 8, inch	.....	.30	3.00	21.00
36 x 14 x 6, inch	.....	.25	2.50	17.50
24 x 8 x 5, inch	.....	.15	1.50	10.00

Fifty of any one size at 100 rate.

LIGHT WEIGHT PAPER BOXES

Size	Per doz.	Per 100	Per 1000
14 x 5 x 3	\$0.30	\$1.00
20 x 4 x 335	2.10
16 x 5 x 335	2.10
18 x 5 x 335	2.20
19 x 5 x 3 1/440	2.60
18 x 7 1/2 x 3 1/245	3.10
21 x 5 x 3 1/445	3.10
23 x 5 x 3 1/250	3.30
21 x 7 x 3 1/250	3.30
21 x 8 x 455	3.60
23 x 7 x 3 1/255	3.60
30 x 5 x 3 1/255	3.60
24 x 8 x 460	4.00
24 x 8 x 565	4.35
36 x 5 x 3 1/270	4.85
28 x 8 x 475	5.10
36 x 6 x 585	5.80

EXTRA HEAVY WEIGHT PAPER BOXES

Size	Per doz.	Per 100	Per 1000
23 x 12 x 4	\$0.85	\$6.10
28 x 8 x 585	6.10
30 x 9 x 485	6.10
36 x 8 x 5	1.00	7.60
23 x 12 x 5	1.00	7.60
30 x 9 x 6	1.10	8.10
30 x 12 x 6	1.50	10.25
30 x 14 x 8	2.00	15.25
36 x 12 x 6	2.00	15.25
40 x 14 x 7	2.75	21.00

VIOLET BOXES

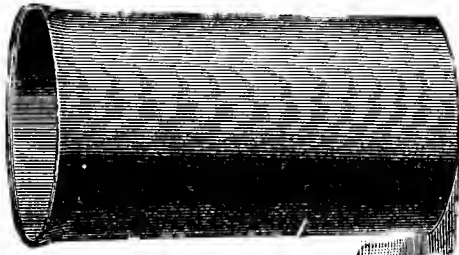
Made of violet and white color fine glazed board

Size	Per doz.	Per 100	Per 1000
7 x 4 x 4	\$0.40	\$2.60
8 x 5 x 560	4.10
9 x 7 x 5 1/270	5.10
10 1/4 x 6 1/4 x 4 1/270	5.10
13 x 9 x 6	1.15	8.10

500 boxes printed free with one size or style card. Smaller lots at cost.

STRAPS

For carrying large cut flower boxes. Eight feet long, of best leather, \$1.75 each. Canvas Straps, 50c. each.



WOOD FIBRE FLOWER VASES

No.	Diam. inside	Depth inside	Each	Doz.
0.....	8 in.	13 in.	\$0.56	\$6.29
1.....	5 1/2 "	10 "	.48	5.44
2.....	4 1/2 "	9 "	.42	4.67
3.....	4 "	6 "	.35	3.91
4.....	3 "	4 1/2 "	.27	3.06
00.....	9 "	21 "	2.10	23.80
000.....	9 "	29 "	2.68	30.85
11.....	5 "	18 "	.56	6.29
22.....	4 1/2 "	15 "	.48	5.44
33.....	4 "	12 "	.42	4.67
44.....	3 "	9 "	.35	3.91

IRON VASES

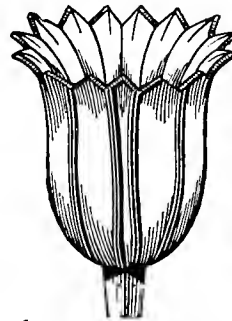
For holding cut flowers on cemetery lots and graves.

Painted Green

No.	Each	Doz.
3—Small	\$0.20	\$2.25
2—Medium	.30	3.25
1—Large	.35	3.75

Galvanized

No.	Each	Doz.
3—Small	\$0.30	\$3.25
2—Medium	.40	4.25
1—Large	.55	6.00



ENAMELED CEMETERY VASES

Painted green; made of tin and carefully enameled; will not burst in cold weather.

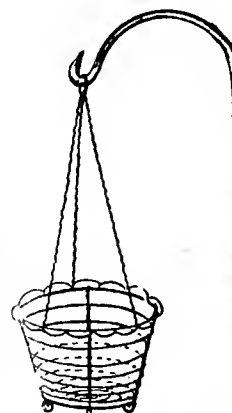
1—Large, each	20c., doz.
	\$2.25, 100 \$16.00.
2—Small, each	15c., doz.
	\$1.75, 100 \$13.00.



WIRE HANGING BASKETS

Complete with Hanger. Light style.

	Each	Doz.	100
8 in.	\$0.09	\$0.90	\$6.75
10 in.	.14	1.40	10.50
12 in.	.20	2.00	15.00
14 in.	.30	3.00	22.00
16 in.	.40	4.25	32.50



Cemetery Hook and Basket

Extra Heavy Wire Hanging Baskets

The most substantial wire hanging basket made, and we recommend it where baskets are wanted for refilling each year, as these last.

No.	Diam.	Each	Doz.	100
5—9 inches	\$0.16	\$1.70	\$13.00
" 6—11 "20	2.25	17.00
" 7—14 "25	2.75	20.00

IDEAL FLOWER VASES

(Galvanized Iron)

Absolutely indestructible and unbreakable, made of heavy galvanized iron riveted and soldered so they cannot leak or come apart. The top and bottom are overturned, which serves as a reinforcement against wear. Fine for use in the greenhouse store or icebox.

No.	Deep	Diam. at Top	Each	Doz.
1—6	inch.	6 1/2 inch	\$0.40	\$4.50
2—8	"	9 1/4 "	.60	6.50
3—9	"	7 3/4 "	.45	5.00
4—12	"	9 1/4 "	.65	7.00
5—9	"	5 1/2 "	.45	4.75
6—11	"	7 "	.55	6.00
7—13 1/4	"	8 1/4 "	.55	6.00
8—19	"	7 3/8 "	.75	8.00

These vases with ordinary care will last many years.

PAINTED POT LABELS



	Per 100	Per 1000		Per 100	Per 1000
4	.. \$0.09	\$0.65	8	.. \$0.35	\$3.25
4 1/2	.. .10	.75	10	.. .45	4.00
5	.. .12	.90	12	.. .60	5.50
6	.. .15	1.20			

TREE LABELS, Etc.

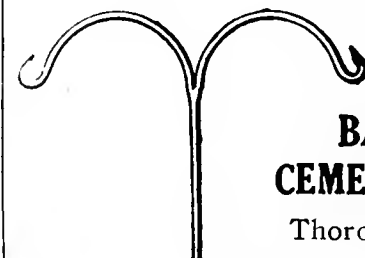
	Per 100	Per 1000
Iron Wired. Plain wood	.. \$0.10	\$0.80
Copper " " " "	.. .12	1.00
" " Painted " " "	.. .15	1.25
Copper Sheet. Wired, doz., 15c.	\$1	per 100.
Zinc Sheet. Wired, doz., 15c.	\$1	per 100.
Indelible Marking Pencils, 5c. ea., doz.	50c.	



SHADING OR PROTECTING CLOTH

Largely used as a substitute for glass where protection is desired. It is admirable for summer use, protecting plants, etc., from sun and at the same time allowing ventilation.

	Yds. Per Piece	Price Per Yd.	Price Per Pc.
Light. Brown cloth	60	\$0.05	\$2.60
Medium. " " "	60	.09	4.80
" Green " " "	60	.09 1/2	5.40
Heavy. Brown " " "	40	.12 1/2	4.80
" Green " " "	40	.14	5.20



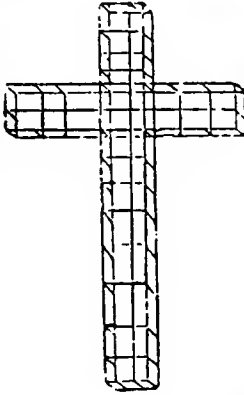
BASKET OR CEMETERY HOOKS

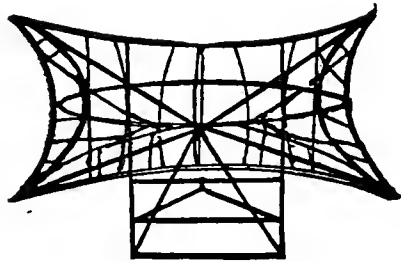
Thoroughly galvanized

	Each	Doz.
Single, 1/8 inch thick	\$0.35	\$4.00
Double (see cut), 1/8 inch thick	.70	8.00

All Prices subject to Market Changes

WIRE DESIGNS**CROSSES**

	Each	
10 inch.....	\$0.05	
12 ".....	.06	
14 ".....	.08	
16 ".....	.09	
18 ".....	.10	
20 ".....	.12	
22 ".....	.14	
24 ".....	.16	
26 ".....	.20	
28 ".....	.23	
30 ".....	.26	
32 ".....	.30	
34 ".....	.35	

**PILLOWS—FLAT**

	Each		Each
10 inch.....	\$0.10	20 inch.....	\$0.22
12 ".....	.12	22 ".....	.24
14 ".....	.14	24 ".....	.28
16 ".....	.16	26 ".....	.35
18 ".....	.19	28 ".....	.40

HORSE SHOES

	Each		Each
12 inch.....	\$0.14	24 inch.....	\$0.40
14 ".....	.18	26 ".....	.50
16 ".....	.20	28 ".....	.60
18 ".....	.23	30 ".....	.75
20 ".....	.30	33 ".....	.85
22 ".....	.35	36 ".....	1.15

GATES AJAR

Measurements Include Entire Height Each

18 inches high.....	\$0.70
21 ".....	.90
24 ".....	1.10
27 ".....	1.35
30 ".....	1.60
33 ".....	1.85
36 ".....	2.10

WREATHS

	Each
8 inch.....	\$0.06
10 ".....	.08
12 ".....	.10
14 ".....	.12
16 ".....	.14
18 ".....	.18
20 ".....	.20
22 ".....	.25
24 ".....	.30

ANCHORS

	Each		Each
10 inch.....	\$0.12	18 inch.....	\$0.22
12 ".....	.14	20 ".....	.25
14 ".....	.16	22 ".....	.28
16 ".....	.18	24 ".....	.30

STAR AND CRESCENT

	Each
14 inch.....	\$0.33
16 ".....	.40
18 ".....	.45
20 ".....	.55

**WIRE SNIPS**

	Each
7½ inches, short blade.....	\$0.60
8 " long ".....	.65
8 " heavy ".....	.75
10 " ".....	1.00

MOSS

We make a specialty of long, clean, selected sphagnum moss; florists will find the quality we furnish to be much better than the average.

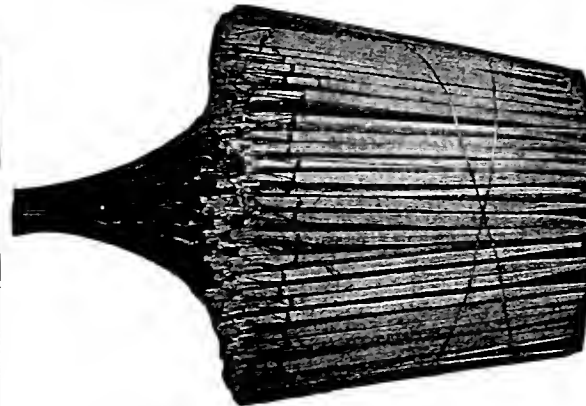
Sphagnum, Live or Green. Peck 20c., 60c. per bush.per bbl., \$1.40

Sphagnum, Dry. Barrel bales 50c. if called for; (if shipped 60c.).....

Sphagnum, Dry. 5 barrel bales \$1.75 (3 bales for \$5.00). \$9.25 for 6 bales.

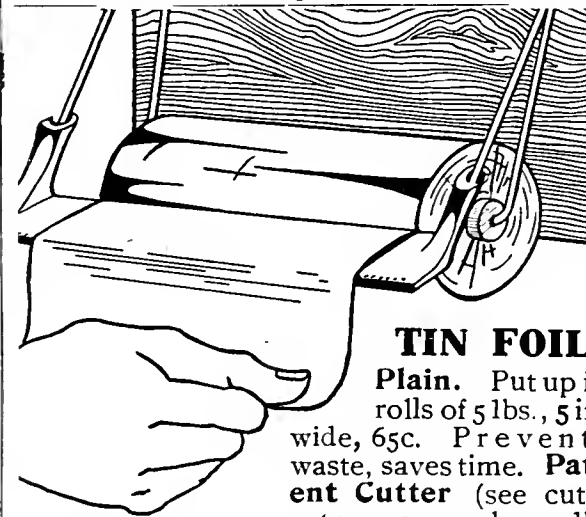
Green Lump. Peck 25c., 70c. bush., bbl bag \$1.35.

Green Sheet. Peck 30c., \$1.10 bush., bbl. bag \$2.50.

**WIRED TOOTH PICKS**

As a labor saver have no equal. Furthermore they are always ready; no looking for wire or shears.

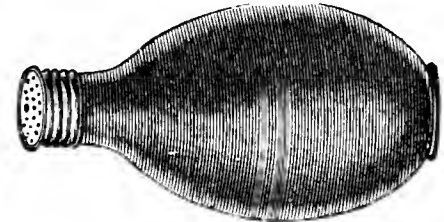
Per box of 10,000 \$1.75, 50,000 for \$7.50.
Plain Tooth Picks. 5c. box, doz. boxes 50c.

**TIN FOIL**

Plain. Put up in rolls of 5 lbs., 5 in. wide, 65c. Prevents waste, saves time. **Patent Cutter** (see cut), extra, 25c. each; 1 lb. pkgs., 5 in. wide, 11c. lb., 2 lbs. 20c., 50c. for 5 lbs., 25 lbs. \$2.40, \$9.50 per 100 lbs.
Violet Foil. 30c. per lb., 5 lbs. \$1.25.
Green Foil. 30c. per lb., 5 lbs. \$1.25.

PAPER FOR FLOWERS

	Sheets per ream	Lb.	Ream
Manilla. For wrapping..	480	\$0.07	\$1.30
" Tissue	480	.09	.70
Wax. White. Best quality, 24 x 36 inches.....	480	.15	1.50
Wax. Green. Best quality, 24 x 36 inches.....	480	.20	1.80

**RUBBER SPRINKLERS**

No. 1, Large, straight neck.....	\$0.85
No. 2, Medium ".....	.75
No. 4, Small ".....	.50
Crook Neck, large.....	.85
" " small.....	.50

**CARNATION MENDERS****Carnation Staples**

For calyx mending, 50c. per 1000, 5000 for \$2.25, \$4.00 for 10,000, 25,000 for \$8.75, \$15.00 for 50,000.

Rubber Bands

Ounce 25c., ¼ lb. 85c., ½ lb. \$1.60, 1 lb. \$3.00. Add 16c. per lb. for postage.

Bauer Carnation Outfits

Pliers and 1000 clips, \$2.50.

Pliers, each \$2.00.

Clips, 80c. per 1000, postpaid; 2000 for \$1.50; \$3.25 per 5000.

FLORISTS' SUNDRIES

	Peck	Bu.	Bbl. sacks
Charcoal (Lump)	\$0.20	\$0.60	\$1.25
Cocoonat Fibre .....	.30	.75	2.00
Leaf Mould. .....	.20	.60	1.25
Pebbles .....	.20	.80	1.80
Peat, Best quality (5 barrels, \$5.50) .....	.20	.60	1.25
Peat, Orchid .....	.25	.75	1.75
Sand. For propagating .....	.20	.60	1.50
Soil. Prepared potting..	.20	.60	1.50
Celery Brushes. Large, 40c.; small, 25c.			
Celery Tape. 1000 yds., \$2.00.			
Carnation Dye. (Green.) \$1.00 per bottle.			
Daylite Glass Cleaner. For greenhouse glass. 1 gal., \$1.00; \$4.50 per 5 gals.			
Grafting Wax. ¼ lb., 8c.; 12c. ½ lb.; 1 lb., 20c.; 90c. 5 lbs.			
Shaderine. For shading greenhouse glass. 30 lbs., \$3.60; \$6.00 per 60 lbs.; 100 lbs. \$8.00; \$14.00 per 200 lbs.			
Weed Killer. (Herbicide.) Per qt., 48c.; 75c. per ½ gal.; per gal., \$1.40; \$5.25 per 5 gals.			
Weed Killer. Michell's, \$1.00 gal.; 5 gals., \$4.50; \$8.50 10 gals.; 50 gals., \$35.00.			
Zementine. For whitewashing and shading glass, 2 lbs., 15c.; 70c. for 10 lbs.; 100 lbs., \$6.50; barrels (325 lbs.), 6c. per lb.			

Headquarters for INSECT DESTROYERS

Prices Subject to
Market Changes

Antipest (Carman's). For destroying red spider scale and green fly. Qt., 45c.; 65c. per ½ gal.; gal., \$1.25; \$5.00 per 5 gals.

Ant Exterminator. A powder that is used for distributing around buildings, on the greenhouse benches, on lawns, gardens, and any other places infested by ants. Per ¼ lb., 15c.; per ½ lb., 30c.; per lb., 55c.

Aphine. For destroying aphids, green fly, thrip, red spider and other greenhouse and outdoor insects. It dilutes readily in water about 1 part to 40 of the latter. ¼ pt., 25c.; 40c. per ½ pt.; per pt., 65c.; \$1.00 per qt.; gal., \$2.50.

Aphis Punk. A paper that has been thoroughly saturated with nicotine. Used for fumigating, giving off dense fumes of nicotine. Excellent for aphids, thrip, white and green fly, also red spider. (For use in greenhouses only.) Per pkg., 60c.; \$6.50 per 12 pkgs.

Arsenate of Lead (*Bowker's Disparene*). (See Disparene.)

Arsenate of Lead (*Powdered*). This is used the same as the paste form. It is more economical to ship and goes farther in use, dissolves instantly in water; 1 lb. dilutes to 50 gallons. 1 lb., 30c.; \$1.40 for 5 lbs.; 10 lbs., \$2.60; 25 lbs., \$5.50; \$10.50 for 50 lbs.; 100 lbs., \$19.00.

Arsenate of Lead (*Paste*). For spraying trees and shrubs against the attacks of leaf-biting insects of all kinds, especially valuable for spraying to prevent the codling moth. It comes in paste form, and dilutes 1 lb. to 25 gals. water. Per lb., 20c.; 80c. per 5 lbs.; per 10 lbs. \$1.40; \$3.10 per 25 lbs.; per 50 lbs., \$5.25; per 100 lbs., \$9.50.

Black Leaf 40. A concentrated solution of nicotine sulphate, an excellent spray for black aphids and sucking insects of all kinds; dilutes 1 part from 100 to 1,000 parts of water, according to treatment; full directions on each package. ½ lb., 85c.; \$3.25 for 2½ lbs.; 10½ lbs., \$12.50.

Boro-Wax. For painting trees to destroy and keep away borers. 33c. qt.; ½ gal., 55c.; 1 gal., 95c.

Bordeaux Mixture. Used principally for mildew, blight and fungous diseases that affect potatoes and fruit trees, etc.

Paste or Pulp Bordeaux. One part dilutes to 50 parts of water. Per qt., 35c.; 90c. per gal.; 5 gals., \$4.00.

Quick Bordeaux (in dry form). This is a combination of the proper materials put up in burlap sacks with full directions for using on each. Suspend the sack in a barrel of water or other receptacle and let the contents dissolve. 1 lb., 18c.; 6-lb. sack makes 30 gals. liquid, price, 60c.; 10-lb. sack makes 50 gals. liquid, price, 90c.

Bug Death. Largely used instead of Paris Green. It is claimed to have the same effect. The manufacturers say that it acts as a fertilizer as well as an insecticide. It comes in powder form, and is applied pure. Not poisonous to persons. Per lb., 15c.; 35c. per 3 lbs.; per 5 lbs., 50c.; per 12½ lbs., \$1.00; \$7.50 per 100 lbs. (Special Shaker for Bug Death, 25c.)

Carbolineum (*Arvenarius*). A germicide and disinfectant for purifying poultry houses, stables, cow barns, etc., also an excellent wood preserver when used as a paint. \$1.20 per gal. can.

Copper Solution. Made of sulphate of copper and other materials. Excellent spray for carnation rust and diseases of the grape, pear, apple and other fruits. A good thing to use for leaf blight and mildew. It is diluted in water. Per qt., 50c.; \$1.60 per gallon.

Cow Ease. This is very much like Shoo-Fly, but is made by a different factory, who claim similar merits for it. Applied with a sprayer or a sponge. Per qt., 30c.; 90c. per gal.; per 5 gals., \$4.00.

Cyanide Potassium. (For fumigating.) ¼ lb., 20c.; 45c. lb.

Dalmatian, or Persian Powder. For ridding buildings of all kinds of various insect pests, particularly for the smaller and creeping kinds, as it is not strong enough to destroy large or more hardy insects. 12c. per ¼ lb.; per lb., 40c.; \$1.75 per 5 lbs.

Disparene (*Bowker's*). A trade name for a brand of Arsenate of Lead, which it resembles in every way. Dilute 1 lb. to 25 gals. water. Price, 25c. per lb.; 5 lbs., 90c.; \$1.60 per 10 lbs.; 25 lbs., \$3.75; \$6.50 per 50 lbs.; \$12.00 per 100 lbs.

Fir Tree Oil Soap. This is very much like the Fir Tree Oil except that it is in the shape of soft soap, and many prefer to use it in that way. It is dissolved according to directions in warm or hot water and used as a spray or wash. Per ½ lb., 20c.; 65c. per 2-lb. can.

Fungine. An excellent article for fungous diseases of all kinds. Qt., 75c.; \$2.00 per gal.

Grape Dust. A powder preparation used for mildew, aphids, black fly, and other insects and fungous diseases, principally in greenhouses. Per 5 lbs., 35c.; 65c. per 10 lbs.; per 25 lbs., \$1.50; \$5.25 per 100 lbs.; bbls. of 200 lbs. (bulk), \$10.00.

Hellebore. The ideal material for destroying rose bugs, currant worms and other soft-shelled insects that infest the garden. It can be applied dry or in liquid form. Per ¼ lb., 8c.; 12c. per ½ lb.; per lb., 20c.; per 5 lbs., 85c.; per 10 lbs., \$1.60.

Getz-There Soap. For washing palms. 2 lbs., 30c.; 80c. for 8 lbs.; \$1.90 per 25 lbs.; 50 lbs., \$3.50; bbl., 5½c. per lb.

Hydrocyanic Acid. (See bottom of page 89.)

Kerosene Emulsion. Diluted in water this makes an excellent spray for all mild forms of scale, and soft lice of any kind such as infect rose and fruit bushes, vegetables and trees. Liquid dilutes 1 part to 20 parts of water. (LIQUID.) Per qt., 35c.; per gal., 90c.

Kil-o-Scale. Destroys and prevents the spread of scale insects of all kinds. Its chief use is the destruction of the San Jose Scale, which prevails in all parts of this country. It is diluted, one part Kil-o-Scale to twenty parts water. Per pt., 30c.; 50c. per qt.; per ½ gal., 75c.; per gal., \$1.25; \$5.00 per 5 gals.; per 25 gals., \$21.25; per 50 gals., \$42.50.

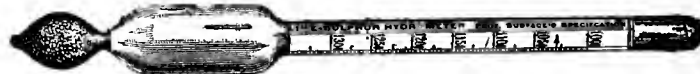


Lemon Oil Insecticide

The Best and Cheapest Insecticide in the Market. Used now by nearly all the leading growers. It effectually destroys Mealy Bug, Scale, Thrip and Red Spider.

Half Pint, 20c.	Pint, 35c.
Quart, 65c.	Half Gal., \$1.10
Gal., \$1.75	5 Gal. Kegs, \$8.00
	10 Gallon Kegs, \$15.00

Lime Sulphur. For destroying San Jose Scale. This is in concentrated form which is diluted 1 gal. to 12 or 15 gals. water, either hot or cold. May be used as a summer or winter spray, excellent to use as a fungicide. 1 gal., 60c.; \$1.50 per 5 gals.; 10 gals., \$2.60; \$4.75 per 25 gals.; 50 gals., \$7.25.



CARBONDALE HYDROMETERS

These are highly recommended by the Pennsylvania State Department of Agriculture for testing the gravity of Lime Sulphur solution; one should be in the hands of every man who uses this material. Price, 90c. (Postpaid, \$1.05.) With directions.

Lime Sulphur (*Dry*). This form of Lime Sulphur is becoming very popular on account of the ease with which it can be handled. It is quite an economy in shipping, as you do not have to pay freight on water. It dilutes at the rate of 1 lb. to 6 gals. of water, and is soluble instantly in cold water. 1 lb., 22c.; \$1.10 for 5 lbs.; 10 lbs., \$1.40; \$3.00 for 25 lbs.; 50 lbs., \$4.75; \$7.50 per 100 lbs.

Nicotide. Used as a spray or as a vapor, principally in the latter way, it is placed in a tin saucer with lamp underneath, and the nicotine fumes are thus distributed. It is very effective in destroying thrip, aphids, white fly and red spider, etc. Per ¼ pt., 70c.; per ½ pt., \$1.25; per pt., \$2.50; per qt., \$4.50; \$8.25 per ½ gal.; 1 gal., \$15.00. (Special price in larger quantities.) LAMPS for Nicotide, 50c. each.

Nikotiana. For spraying and fumigating. \$1.25 per qt., per gal., \$4.00.

Nikoteen. One of the milder forms of tobacco or nicotine preparations, usually diluted in water, makes a most satisfactory spray as well as vapor, excellent for Pea lice in the garden. \$1.50 per pt.; 5 pts., \$7.00; per 10 pts., \$13.00.

INSECT DESTROYERS—Continued

Nico-Fume (Liquid). This is used in very much the same way as Nicotinic. Per $\frac{1}{4}$ lb., 60c.; \$2.00 per lb.; 4 lbs., \$7.00; \$13.50 per 8 lbs.; 5—8-lb. cans for \$64.10; \$124.90 for 10—8-lb. cans; 20—8-lb. cans, \$243.00.

Nico-Fume. This is a paper treated with nicotine, giving off dense fumes of strong nicotine when ignited. Preferred by many who do not wish to spray or vaporize. Per box, 24 sheets, \$1.00; per 144 sheets, \$4.50; per 288 sheets, \$8.50; \$48.45 for 6 cans, 288 sheets each; 12 cans, \$94.35; \$183.60 for 24 cans.

Paris Green. The chief merit of this article is the destruction of the potato bug. It may be used in liquid form, 1 pound in 50 gallons of water, or with Land Plaster at the rate of 1 pound Paris Green to 100 pounds Land Plaster. 10c. per $\frac{1}{4}$ lb.; per $\frac{1}{2}$ lb., 15c.; 30c. per lb.; \$1.25 per 5 lbs.; per 14 lbs., \$3.00.

Pyrox (Bowker's). A pasty substance used for all leaf-biting insects. It is really a Bordeaux and Arsenate of Lead combined and is excellent. Dilute 1 lb. to 5 gals. water. 25c. per lb.; 5 lbs., \$1.00; \$1.75 per 10 lbs.; 25 lbs., \$4.00; \$7.50 per 50 lbs.; \$13.50 per 100 lbs.; 200 lbs., \$26.50; \$62.50 per 500 lbs.

Readeana Rose Bug Exterminator. A poisonous preparation which dilutes in water. Used for destroying green fly, mealy bug, blight, mildew, etc. Will not injure flowers. Trial bottle, 23c., 10 oz., 45c., 90c. per 24 oz., \$3.75 per gal.

Scalecide (Soluble Crude Oil). Used for the destruction of the San Jose Scale. Dilute at the rate of one gallon Scalecide to 20 gallons of water. Scalecide does not clog nozzles or pump. 45c. per qt.; per gal., \$1.00; \$3.25 per 5 gals.; 10 gals., \$6.00; \$16.00 per 30-gal. bbl.; per 30 gal. jacketed tin, \$15.00; \$25.00 per 50-gal. bbl.

Scale Destroyer (Soluble Oil). A combination of mineral and vegetable oils, and has many excellent scale destroying properties. Dilute at various strengths according to season. Per qt., 35c.; 65c. per $\frac{1}{2}$ gal.; per gal., \$1.00; \$3.75 per 5 gals.; 10 gals., \$7.50; 25 gals., \$12.50; per 50 gals., \$23.00.

Shoo Fly. For keeping flies off cattle and horses, used with a sprayer or a sponge, the cattle and horses are either sprayed or rubbed with the preparation in the morning before being put in the field or out to their day's work. Per qt., 35c.; \$1.00 per gal.

Slug Shot. The standard remedy for currant worms, rose slugs, cabbage worms, and almost any soft-shelled insects that infest the vegetable or flower garden. 15c. per canister; per 5 lbs., 30c.; 60c. per 10 lbs.; 25 lbs., \$1.50; \$2.50 per 50 lbs.; 100 lbs., \$5.00. Full bbl. lots (about 250 lbs.), $\frac{4}{5}$ c. per lb., f. o. b. Factory; $\frac{4}{3}$ c. per lb., f. o. b. Phila.

Sulphate of Copper. For destroying fungous diseases of all kinds, also used in making Bordeaux mixture, and for spraying potato vines in connection with Paris Green. Where used as a Bordeaux mixture it requires four pounds Sulphate of Copper to 6 pounds Lime, which is diluted in 50 gallons of water. Per lb., 10c.; 90c. per 10 lbs.; 50 lbs., \$4.00; \$7.50 per 100 lbs.

Sulphur (Flowers). Used principally in greenhouses for checking mildew. It is also used as a preventive and cure for San Jose Scale when it is used in connection with lime and salt. Per lb., 6c.; 25c. per 5 lbs.; 25 lbs., \$1.10; \$3.50 per 100 lbs.; 175-lb. barrel, \$5.90.

Sulphur Candles. For fumigating in sick-rooms, also in conservatories and greenhouses. Large, 15c. each; per doz., \$1.75; small, 8c. each; per doz., 85c.

Sulpho Tobacco Soap. An excellent article for the person with a few plants. Especially good for destroying scale on palms and other plants. Soluble in warm water. Per 3-oz. package, 8c.; 15c. per 8-oz. package; in 10-lb. cakes, \$2.00 per cake; 25 lbs., \$4.50.

Sulphocide. An excellent summer spray for fungous diseases, combining Bordeaux Mixture and Lime Sulphur. 50c. pt.; qt., 75c.; \$2.00 per gal.; 5 gals., \$7.50.

Thymo Cresol (Sheep Dip). This preparation is used for disinfecting, etc. Per 4-oz. bottle, 25c.; 40c. per 8-oz. bottle; per qt., 70c.; \$1.10 per $\frac{1}{2}$ gal.; per gal., \$2.00.

Tobacco Dust. Excellent for dusting on Lettuce and other plants to destroy soft, creeping insects. Per lb., 5c.; 20c. per 5 lbs.; per 10 lbs., 35c.; 75c. per 25 lbs.; 100 lbs., \$2.50; \$11.75 per 500 lbs.

Tobacco Dust (Special Dusting). A specially prepared, finely ground article. 5 lbs., 25c.; 25 lbs., 85c.; \$1.50 per 50 lbs.; 100 lbs., \$2.50; \$11.25 for 500 lbs.

Tobacco Dust (Special Fumigating). A specially prepared article for fumigating. 5 lbs., 25c.; 25 lbs., 85c.; \$1.50 per 50 lbs.; 100 lbs., \$2.50; \$11.25 for 500 lbs.

Tobacco Soap (Sulpho). This is excellent for washing off palms and plants such as Oleanders, Camellias, etc. Soluble in water, making an excellent preparation for washing animals. 3 oz., 8c.; 15c. for 8 oz.; 10 lbs., \$2.00; \$4.50 for 25 lbs.

Tobacco Stems (Fresh). Used principally for fumigating and under benches in greenhouses. They may also be steeped in hot water and used as a spray. Per lb., 5c.; 40c. per bu.; per bbl. bag, 75c.; per large bale, \$1.50; \$5.50 per half-ton; per ton, \$10.00.

To-bak-ine Fumigating Paper. Very much like Aphis Punk, which it resembles. It is used in exactly the same way as Aphis Punk. Per package of 24 sheets, \$1.00; \$4.50 per 144 sheets; \$8.00 per box of 288 sheets.

To-bak-ine Liquid. Similar to Nicotinic; it is used in the same manner, and is practically the same, excepting that it is made by a different factory, and they claim for it everything that goes to make up a first-class insecticide; two grades, fumigating and spraying, state which is wanted when ordering. Per $\frac{1}{8}$ pt., 50c.; $\frac{1}{4}$ pt., 75c.; \$1.35 per $\frac{1}{2}$ pt.; per pt., \$2.50; \$9.00 per $\frac{1}{2}$ gal.; per gal., \$17.50; \$85.00 per 5-gal. can.

Tree Tanglefoot. A paste preparation for painting around the trunks of trees, in the form of a band, and insects and other crawling pests cannot get over it. Per lb., 28c.; 3-lb. cans, 80c.; 10-lb. cans, \$2.50; 20-lb. cans, \$4.50; \$8.50 for 40-lb. cans.

Vaporite. Vaporite is a gray non-poisonous powder which, when it comes into contact with soil, gives off a vapor. This vapor kills all underground insects such as Wireworms, etc. Vaporite is for soil application—not for the leaves of the plant. Vaporite should be uniformly distributed on the surface or in the soil among the insects, so that the gas evolved may destroy them. 1 to $1\frac{1}{2}$ lbs. is enough for a cubic yard of soil (about 1 cart load). 50c. per 5 lbs.; 25 lbs., \$1.75; \$3.25 per 50 lbs.; per 112 lbs., \$6.25.

Vermine. For sterilizing soil to destroy worms, maggots, etc. $\frac{1}{2}$ pt., 40c.; 65c. pt.; qt., \$1.00; \$3.00 per gal.

Whale or Fish Oil Soap. For mild forms of Scale, also an excellent summer spray. Dissolved in water according to various purposes. Per $\frac{1}{2}$ lb., 8c.; 15c. per lb.; per 5 lbs., 55c.; \$1.00 per 10 lbs.; per 25 lbs., \$1.60; \$6.00 per 100 lbs.

Whale Oil Soap (Goods Caustic). Used extensively as a tree spray and as a summer remedy for San Jose Scale, it comes in a soft soap form and is easily dissolved, 1 lb. to 10 gals. water. 18c. per 1-lb. can; 5-lb. can, 70c.; \$1.65 per 25-lb. can; 50 lbs., \$2.90; \$4.75 per 100 lbs.; 425-lb. bbl., \$16.75.

Worm Killer (Reade's). Extensively employed on putting greens, lawns and grass plots, destroying all worms, grubs, etc., and produces a luxuriant growth of grass. In 100-lb. bags only, \$5.00 per 100 lbs.; 500 lbs., \$24.00; 1,000 lbs. for \$45.00; \$90.00 per ton.

Worm Eradicator (Reade's Electric). Used indoors as well as outdoors, for destroying worms in pots, tubs, benches; in tennis courts and putting greens. Apply with a sprinkling can or otherwise. Small size, 23c.; 10 oz., 45c.; 90c. for 24 ozs.; gal., \$3.75.

Worm Eradicating Fertilizer (Carter's). Used extensively, being applied to grass plots, putting greens, etc. It causes the worms to come to the surface, where they may be scooped up readily and further destroyed. Price, f. o. b. Philadelphia: In 100-lb. bags only, \$4.00; \$36.00 per 1,000 lbs.; 2,000 lbs., \$69.00. Apply at the rate of $\frac{1}{2}$ lb. per square yard. (Special price, f. o. b. Boston.)

HYDROCYANIC—ACID GAS—CYANIDE POTASSIUM—FUMIGATION as given to us by a practical gardener. Very Poisonous to human beings and animals. Put four ounces of water in a galvanized iron pail, add to this two ounces of Sulphuric Acid, wrap an ounce of Cyanide of Potassium in paper and place it in the bucket which should be placed near the door of the greenhouse to afford quick exit; the moment the Cyanide strikes the liquid it generates a poisonous gas which must not be inhaled. The above charge is sufficient for 1000 cubic feet of space. Don't open the greenhouse for at least 12 hours. One of the ventilating sash should be arranged so it can be opened from the outside to allow the fumes to escape entirely before entering. This is claimed to be the only and best remedy to absolutely kill the white fly. It is claimed that it will not injure the most delicate plant, but the user should take great care of himself.
Cyanide, $\frac{1}{4}$ lb. 20c., 45c. lb.; Sulphuric Acid, 25c. lb.

The Price on all Insect Destroyers is subject to Change.

FERTILIZERS

Our List embraces the very best and most modern kinds. We are headquarters in Philadelphia, and can quote special prices on car-load quantities.

Prices Subject to Market Changes

Animal Bone and Potash. An ideal fertilizer for most all farm and garden crops. Apply 400 to 600 per acre. 200 lbs., \$3.00; \$24.00 per ton.



Ashes. *Canadian Hard Wood.* Apply 1000 lbs. per acre. For top dressing lawn and grass fields it is applied to best advantage either in very early spring or late fall. 25c. per 10 lbs.; 25 lbs., 40c.; 75c. per 50 lbs.; 100 lbs., \$1.35; \$2.50 per 200-lb. barrel; per ton, \$21.00.

Acid or Rock Phosphate. Apply 100 lbs. per acre. Used for mixing with other fertilizers to increase the phosphoric acid analysis. In 200-lb. sacks only, \$1.75; \$13.50 per ton.

Asparagus Fertilizer (*Pure Bone and Potash*). A mixture that promotes the root and top growth. Apply 600 lbs. per acre. 75c. per 25 lbs., 50 lbs. \$1.15, \$2.00 per 100 lbs., 200 lbs. \$4.00, \$35.00 per ton.

Basic Slag. (See Phosphate.)

Bon Arbor. A concentrated chemical fertilizer similar to Bonora, but less expensive; used in liquid form according to directions. **LIQUID:** \$1.80 per gal.; 5 gals., \$8.50. **POWDER,** dilutes 1 lb. to 30 gals. water: 5 lbs., \$1.60; \$11.00 per 50 lbs.; 100 lbs., \$18.00.

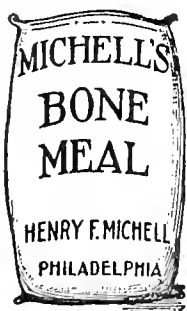
Blood (*Dried*). Apply 300 lbs. per acre. For indoor culture of flowering plants, like roses, carnations, etc., its chief element being nitrogen. 5 lbs., 25c.; 45c. per 10 lbs.; 25 lbs., \$1.00; \$1.85 per 50 lbs.; 100 lbs., \$3.50; \$6.25 per 200 lbs.; per ton, \$60.00.

Blood, Bone and Potash (*Potash and Truck Special*). The best fertilizer for the truck patch or garden, combines every element of plant food valuable for all vegetable crops. Note the high analysis, 7% avail. Phosp. Acid, 3½% Ammonia, 7% Potash. 100 lbs. \$2.25, \$4.00 per 200 lbs., ½ ton \$17.50, \$34.00 per ton.

Blood Flour. Apply 200 lbs. per acre. Much like dried blood except that it is finer and acts almost instantly. (Price, f. o. b. Chicago, \$4.00 per 100 lbs.; 200 lbs., \$7.75; \$35.50 per ½ ton; per ton, \$70.00.) Price, f. o. b. Philadelphia, 5 lbs., 35c.; 60c. per 10 lbs.; 25 lbs., \$1.25; \$2.25 per 50 lbs.; 100 lbs., \$4.50; \$8.50 per 200 lbs.; 1000 lbs., \$40.00; \$78.00 per ton.

Bone, Pure Fine Ground. For top dressing, potting soil, etc., not quite so high in analysis as the "Special Florists' Brand." 200 lbs., \$3.25; \$30.00 per ton.

Bone Meal (*Peirson's*). The best on the market for rose growers; supply limited. 200 lbs., \$3.75; \$18.00 per ½ ton; ton, \$35.00.



Bone Meal (*Michell's Special Florists' Brand*). Apply 600 to 800 lbs. per acre. Made from pure raw bone, without any addition of materials. The ideal bone for rose beds and greenhouse use. 3 lbs., 12c.; 20c. for 5 lbs.; 10 lbs., 35c.; 65c. per 25 lbs.; 50 lbs., \$1.15; \$2.00 per 100 lbs.; 200 lbs., \$3.50; \$33.00 per ton.

Bone Flour (*Pure*). Apply 600 lbs. per acre. Very fine, like dust, effective almost immediately, can be used for indoor or outdoor purposes. 5 lbs., 25c.; 35c. per 10 lbs.; 25 lbs., 75c.; \$1.25 per 50 lbs.; 100 lbs., \$2.25; \$4.00 per 200 lbs.; ton, \$35.00.

Bone (*Coarse Cracked*). For use in making up compost or soil heaps. 200 lbs., \$4.50; \$40.00 per ton.

Bone (*Coarse Ground*). Apply 600 to 800 lbs. per acre. Prepared from raw bones, exactly like bone meal except that it is not so fine, or quick in action, is used for the same purposes. 5 lbs., 20c.; 30c. per 10 lbs.; 25 lbs., 70c.; \$1.25 per 50 lbs.; 100 lbs., \$2.00; \$3.50 per 200 lbs.; per ton, \$33.00.

Bonora. Directions for use are on each package. It may be used in either dry or liquid form; excellent for greenhouse and pot plants or vegetable forcing. 25c. per trial pkg. (by mail, 30c.); 50c. per lb. (by mail, 66c.); \$2.50 per 5 lbs.

Button Bone. Very desirable for rose growing; in 200-lb. bags only. \$3.75 per bag; per ton, \$35.00.

Chrysanthemum Manure (Thomson's Special). Especially recommended and used by the leading gardeners of England and America. Very highly concentrated. Can be used in liquid and in dry form. Per 28-lb. sack, \$4.00; per 56-lb. sack, \$6.75.

Climax Lawn Sand. (See Lawn Sand.)

Clay's Fertilizer. An English chemical fertilizer, for forcing greenhouse plants and vegetables. It can be used in either dry or liquid form. 5 lbs., 50c.; 95c. per 10 lbs.; 28 lbs., \$1.75; \$3.25 per 56 lbs.; 112 lbs., \$6.00.

Copperas (*Sulphate of Iron*). For destroying lawn and farm weeds as well as acting as a gentle fertilizing stimulant; it dilutes 100 lbs. to 50 gals. of water, which is sufficient to spray an acre. 25 lbs., 65c.; \$1.10 per 50 lbs.; 100 lbs., \$1.60; \$2.25 per 200 lbs.

Cotton Seed Meal. Apply 600 lbs. per acre. Exceedingly rich in potash and ammonia, making it excellent for use as a grass and grain fertilizer; for putting greens it is invaluable. 5 lbs., 20c.; 35c. per 10 lbs.; 25 lbs., 75c.; \$1.25 per 50 lbs.; 100 lbs., \$2.25; \$4.00 per 200 lbs.; ton, \$38.00.

Corn Phosphate. (See Phosphate.)

Cow or Cattle Manure (*Pulverized*). This we do not carry in stock, but can procure to order from Chicago in numerous cars we have coming forward constantly; some growers prefer this to the shredded kind. *Price f. o. b. Chicago:* 100 lbs., \$1.35; \$5.50 for 500 lbs.; 1000 lbs., \$9.00; \$17.00 per ton. *Price f. o. b. Phila.:* \$1.65 per 100 lbs.; 500 lbs., \$7.50; \$13.00 per ½ ton; ton, \$24.00.



Cow or Cattle Manure (*Shredded*).

One sack of this is equal to one cart-load of cow manure, it is convenient to handle, making it possible for everyone to get this usually scarce article at all times. It takes up very little space and is indispensable for any fertilizing purpose. *F. o. b. Philadelphia.* 25 lbs., 50c.; 85c. per 50 lbs.; 100 lbs., \$1.50; \$6.50 per 500 lbs.; 1000 lbs., \$11.50; \$22.00 per ton. *F. o. b. Chicago:* 100 lbs., \$1.25; \$5.00 per 500 lbs.; 1000 lbs., \$8.50; \$16.00 per ton.

Dissolved Bone. Apply 600 to 800 lbs. per acre. Used principally for indoor culture, although it is highly recommended for a grass top dressing. 200-lb. sacks only, \$3.25; \$30.00 per ton.

Fish Guano or Dried Fish. Apply 300 to 400 lbs. per acre. For truck and plant forcing this is recommended. Also used to mix with other fertilizers to increase the ammonia analysis. In 200-lb. sacks only, \$5.50; \$50.00 per ton.

Farmo-Germ. A nitrogen gathering bacteria to be used when planting or sowing seeds of leguminous plants such as clover, peas, beans, etc. It makes possible to grow Alfalfa where it often can otherwise not be grown, it increases the yield and makes it possible for plants to gather free nitrogen from the air equal in value to 150 lbs. nitrate per acre. Crops treated with Farmo-Germ leave the ground rich in nitrogen for the next succeeding one. Ask for special pamphlet on Farmo-Germ. Garden (¼-acre) bottles, 50c.; \$2.00 per acre bottle. Always specify in order for what crop Farmo-Germ is desired.

Guano (*Peruvian Substitute*). Of very high analysis in all necessary plant food elements and is now extensively used in place of Peruvian guano, which has become extremely scarce. 25 lbs., 75c.; \$1.35 per 50 lbs.; 100 lbs., \$2.40; \$3.75 per 200 lbs.; ton, \$35.00.

Horse Manure (See Manure.)

Hog Manure (*Pulverized*). Some growers prefer this to either sheep or cow manure. We can supply it to order, bringing it forward in numerous cars which we have coming from Chicago at intervals. *Price f. o. b. Phila.:* \$1.50 per 100 lbs.; 500 lbs., \$7.00; \$12.00 per ½ ton; ton, \$23.00. *Price f. o. b. Chicago:* \$1.35 per 100 lbs.; 500 lbs., \$5.00; \$8.50 per 1000 lbs.; ton, \$16.00.

Humus (*Alphano*). This material is a natural deposit of decomposed vegetable matter, taken from the bottom of a drained lake. We had it reported on by several experiment stations, who report it worthy of its extensive use. It is rich in ammonia, potash and phosphoric acid, and is ideal for mixing either with poor or even rich soil, and as a top dressing on lawns or golf courses. Flowers, vegetables, grass and other crops thrive luxuriantly where Alphano is used. For entire renovating poor ground it is spread about six inches deep. For a top dressing one inch of depth is sufficient. A cubic yard equals approximately 600 to 700 lbs. Put up in 100-lb. bags, 90c.; \$4.25 per 500 lbs.; 1000 lbs., \$7.50; \$14.00 per ton. Special price f. o. b. factory and in car lots.

FERTILIZERS—CONTINUED (ALL PRICES SUBJECT TO MARKET CHANGES)

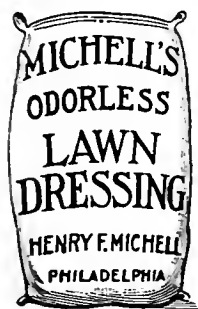
Horn Shavings. Used principally for mixing in potting soil, is rich in ammonia; especially valuable in chrysanthemum growing. 5 lbs., 30c.; \$1.15 per 25 lbs.; 50 lbs., \$2.20; \$4.00 per 100 lbs.

Kainit (Potash Salts). Apply about 800 to 1000 lbs. per acre. Excellent for potatoes, corn and other grains. 5 lbs., 15c.; 25c. per 10 lbs.; 25 lbs., 40c.; \$1.00 per 100 lbs.; 200 lbs., \$1.75; \$14.00 per ton.

Land Plaster. Apply about 1000 to 1500 lbs. per acre. For top dressing, sour and wornout soils, also for mixing with Paris Green. 25c. per 25 lbs.; 50 lbs., 35c.; 60c. per 100 lbs.; 200 lbs., \$1.10; \$9.00 per ton.

Lawn Dressing (Michell's Odorless). Apply 500 to 600 lbs. per acre. A quick stimulant for lawns and grass lands. 5 lbs., 25c.; 40c. per 10 lbs.; 25 lbs., 85c.; \$1.50 per 50 lbs.; 100 lbs., \$2.50; \$4.00 per 200 lbs.; per ton, \$37.50.

Lawn Sand (Climax). A weed destroyer as well as a fertilizer, containing a large percentage of nitrogen. Will be found very valuable for lawn use. For best results follow the directions on the packages. 3½-lb. tin, 30c.; 60c. for 7 lbs.; \$1.00 per 14-lb. tin;



28 lbs., \$1 60; 56 lbs., \$2.80; \$4.80 per 112-lb. keg; 560 lbs., \$20.00.

Limestone (Pulverized). For applying on sour and worn-out soils at the rate of 1 ton per acre. Put up in 100-lb. bags; no less quantity sold. 75c. per bag; 1000 lbs. \$5.50; \$9.00 per ton.

Lime (Hydrated or Powdered). For mixing with earth or other purposes where a soil sweetener is needed. 100-lb. sack, \$1.00; 500 lbs. for \$4.00; \$11.00 per ton.

Manure. At short notice we can usually supply first-class horse, cow and stock yard manure in carload lots only. Prices quoted on request.

Manure (Dried Pulverized Horse). Richer in analysis than sheep manure, excellent for flower growing; a sack is almost equal in bulk to a cartload. Price f. o. b. Phila.: 100 lbs., \$1.75; \$7.75 per 500 lbs.; 1000 lbs., \$15.00; \$27.00 per ton. Price f. o. b. Factory: 100 lbs., \$1.50; \$7.00 per 500 lbs.; 1000 lbs., \$13.00; \$25.00 per ton.

MAPES FERTILIZERS

	F. o. b. Phila.	F. o. b. Factory
	200 lbs. Ton	200 lbs. Ton
Complete Manure, for general use.	\$4.50 \$42.00	\$4.20 \$39.00
Complete Manure, for average soils	4.50 42.00	4.20 39.00
Complete Manure, for light soils...	4.85 47.00	4.55 44.00
Corn Manure	4.50 43.00	4.25 40.00
Early Vegetable and Truck Manure.	4.85 47.00	4.55 44.00
Potato Manure	4.75 45.00	4.50 43.00
Vegetable Manure, for all soils.....	4.85 47.00	4.55 44.00

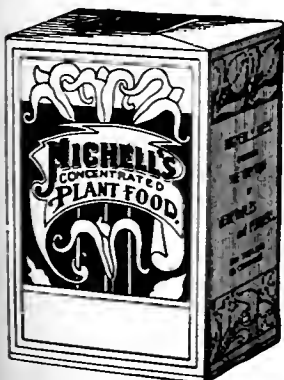
Muriate of Potash. Apply 100 to 150 lbs. per acre, usually with other fertilizers. This must be used with great care, as it is very powerful. Excellent for potatoes, corn, grains, etc. Analysis, equal to 50% actual potash. 30c. per 5 lbs.; 10 lbs., 45c.; \$1.00 per 25 lbs.; 50 lbs., \$1.65 \$2.75 per 100 lbs.; 200 lbs., \$5.25, \$26.50 per ½ ton; ton, \$52.00.

Plant Food (Barker's). 4-oz. pkgs., 13c. each; doz., \$1.35; \$10.50 per 100; 12-oz. pkgs., 20c.; \$2.25 per doz.; per 100, \$16.00.

Plant Food (Michell's). 10c. per 6-oz. pkg. (by mail, 18c.); \$1.00 per doz.; 100 \$8.00.

Nitrate of Soda. Apply 100 to 150 lbs. per acre, mixing with land plaster or other fertilizers to render application more easy. Use only after plants are above ground. If used in liquid form dilute two ozs. to 1 gal. of water and do not apply oftener than twice a week. 5 lbs., 25c.; 50c. per 10 lbs.; 25 lbs., \$1.10; \$2.00 per 50 lbs.; 100 lbs. \$3.50; \$6.75 per 200 lbs.; ½ ton, \$32.50; \$64.00 per ton.

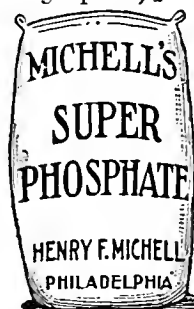
Phosphate (High Grade Ammoniated). For all vegetable crops, grain, grass, etc. Apply 500 to 600 lbs. per acre broadcast. 5 lbs., 15c.; 25c. per 10 lbs.; 25 lbs., 50c.; 85c. per 50 lbs.; 100 lbs., \$1.50; \$2.75 per 200 lbs., ton, \$23.00.



Pig Manure. (See Hog Manure.)

Phosphate for Corn (Phosphate and Potash). Apply 500 to 600 lbs. per acre. This contains the necessary ingredients to produce a bumper crop of either field or sugar corn. 200 lbs., \$3.00; \$12.00 per ½ ton; ton, \$23.00.

Phosphate (Michell's Hi-Grade Potato). Apply 400 to 600 lbs. per acre. The best fertilizer for potatoes, being especially rich in every ingredient on which potatoes thrive. 200 lbs., \$3.75; \$16.50 per ½ ton; ton, \$32.00.

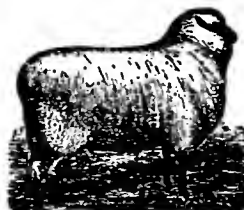


Phosphate (Basic Slag). Used extensively for top dressing lawns, grass and grain lands. Contains the proper elements to produce a rich luxuriant growth. Apply 600 to 800 lbs. per acre. \$2.25 per 200 lbs.; per ton, \$18.00

Potato Manure (Baugh's). Apply 400 lbs. per acre. The principal fertilizer for potatoes in this section, being especially compounded for this purpose. 25 lbs., 60c.; \$1.00 per 50 lbs.; 100 lbs., \$1.75; \$3.25 per 200 lbs.; ton, \$28.00.

Poudrette (Native Guano). Apply 1000 lbs. per acre. Extensively used for gardens, lawns, in making compost and in fact wherever a good, quick acting fertilizer is wanted. It is odorless and easily handled. 5 lbs., 15c.; 25c. per 10 lbs.; 25 lbs., 50c.; 100 lbs., \$1.25; \$2.25 per 200 lbs.; 600 lbs., \$6.00; \$8.50 per 1000 lbs.; per ton, \$16.00.

Salt. For agricultural purposes, asparagus beds and putting on walks and roads to kill weeds. Apply 600 to 800 lbs. per acre in early spring. 25c. for 25 lbs.; 75c. per 100 lbs.; 200 lbs., \$1.35; \$9.00 per ton.



Sheep Manure (Wizard Brand). Apply 1000 lbs. per acre. For garden, lawn or greenhouse use nothing surpasses sheep manure; it is clean and easily handled, besides giving immediate results. Prices, f. o. b. Philadelphia, 20c. per 5 lbs.; 10 lbs., 30c.; 50c. per 25 lbs.; per 100 lbs., \$1.50; 500 lbs., \$7.00; \$13.50 per 1000 lbs.; per ton, \$25.00.

Sheep Manure (Wizard Brand). F. o. b. Chicago: 100 lbs., \$1.25; \$6.00 per 500 lbs.; 1000 lbs., \$10.00; \$18.00 per ton.

Soot (Imported Scotch). This is used principally for bringing a good, healthy color into the foliage of chrysanthemum and other greenhouse plants. Also destroys insects and grubs that work on top of and underneath the surface. 5 lbs., 25c.; 40c. for 10 lbs.; 75c. per 25 lbs.; 112 lbs., \$2.75; \$12.50 for 560 lbs.

Sulphate of Ammonia. Apply 75 to 100 lbs. per acre only with other fertilizers deficient in nitrogen. This material will stimulate growth almost immediately. Analysis, equal to 25% of ammonia. 30c. per 5 lbs.; 10 lbs., 55c.; \$1.25 per 25 lbs.; 50 lbs., \$2.50; \$4.75 per 100 lbs.; 200 lbs., \$9.00; \$42.50 per ½ ton.

Sulphate of Potash. Apply 100 to 125 lbs. per acre, usually with other fertilizers. On account of its great strength it must be used judiciously. Valuable for root and grain crops. Analysis, equal to 50% of actual potash. 5 lbs., 35c.; \$1.00 per 25 lbs.; \$1.75 per 50 lbs.; 100 lbs., \$3.25; \$6.00 per 200 lbs.; ½ ton, \$28.50; \$55.00 ton.

Tankage. This is usually applied to plants such as roses, etc., under glass. It is similar to dried blood. 5 lbs., 25c.; 40c. per 10 lbs.; 25 lbs., 75c.; \$1.25 per 50 lbs.; 100 lbs., \$2.00; \$3.50 per 200 lbs.; ton, \$30.00.

Thomson's Special Flower, Vegetable and Vine Manure. Imported from England, this excellent chemical fertilizer is extensively used wherever it is desired to force flowers or vegetables. 28 lbs., \$1.60; \$3.10 per 56 lbs.; 112 lbs., \$6.00.

Wheat Fertilizer. For grass and grain crops. Apply 5 to 600 lbs. per acre. 200 lbs., \$3.00; \$12.00 per ½ ton; per ton, \$23.00.

Tobacco Stems. For fumigating, mulching and fertilizing. Lb., 5c.; per bushel, 40c.; 75c. per barrel sack; large bales, \$1.50; ½ ton, \$5.50; ton, \$10.00.

Wood Ashes. See ashes at top of opposite page.



CARNATION SUPPORTS			
	Per doz.	Per 100	Per 1000
Model, 2 ring	\$0.40	\$2.60	\$24.00
" 3 ring .....	.45	2.80	26.50

Extra Parts for Model Supports

Rings, 60c. per 100, per 1000 \$4.00.
 Tops, \$1.35 per 100, per 1000, \$11.00.
 2 Ring Bottoms, \$1.50 per 100, per 1000 \$13.75.
 3 Ring Bottoms, \$1.80 per 100, per 1000, \$16.50.

RICHMOND SUPPORTS			
	Per doz.	Per 100	Per 1000
No. 11. 29 in., 3 ring, single	\$0.35	\$2.50	\$23.50
No. 11. 29 in., 3 ring, double .....	.45	3.25	30.00

MÜLLERS DOUBLE SUPPORT

One of the best on the market, easily put together. After the rings are detached it folds flat, thereby requiring very little storage room when putting away.

Per doz., 65c.; \$4.50 per 100; per 1000, \$40.00.

PLANT STAKES**No. 10 Steel Wire, Galvanized**

	Per 100	Per 1000		Per 100	Per 1000
2 foot	\$0.45	\$3.70	4 foot	\$0.85	\$7.20
2½ " .....	.55	4.45	4½ "	1.00	8.00
3 " .....	.65	5.40	5 "	1.10	9.00
3½ " .....	.75	6.15	6 "	1.20	10.50
			6½ "	1.30	12.00

No. 8 Steel Wire, Galvanized

For staking American Beauty and other strong Roses

	Per 100	Per 1000		Per 100	Per 1000
2 foot	\$0.60	\$5.50	4½ foot	\$1.25	\$11.00
2½ " .....	.70	6.50	5 "	1.40	12.00
3 " .....	.80	7.50	6 "	1.70	15.25
3½ " .....	.95	9.00	7 "	2.00	17.50
4 "	1.10	10.00	8 "	2.25	19.75

GREEN PAINTED TAPERING PLANT STAKES

	Per doz.	Per 100		Per doz.	Per 100
1½ foot	\$0.14	\$0.90	3½ foot	\$0.57	\$3.60
2 " .....	.24	1.55	4 " .....	.68	4.35
2½ " .....	.35	2.20	5 " .....	.80	5.10
3 " .....	.46	2.90			

GREEN PAINTED HEAVY OR DAHLIA STAKES

	Per doz.	Per 100		Per doz.	Per 100
3 foot	\$0.68	\$4.40	5 foot	\$1.15	\$7.40
3½ " .....	.80	5.17	6 "	1.40	8.90
4 " .....	.95	5.90			

HYACINTH STAKES (Wood) Dyed Green

	Per 100	Per 1000	Per 5000
12 inch	\$0.15	\$1.00	\$4.25
18 " .....	.20	1.35	6.25

HEADQUARTERS FOR CANE STAKES

	100	500	1000	5000
Southern, very long, selected quality..	\$0.75	\$3.25	\$6.00	\$27.50
Japanese, very thin, about 6 ft. long..	.75	2.75	5.00	22.50
Japanese, dyed green, 3 feet lengths only .....	.70	3.00	5.50	

UNPAINTED STAKES OR DOWELS

	Per 100	Per 1000
24 in. long, ¾ in. diameter	\$0.50	\$4.00
36 " 1½ " and 36 in. x 1½ in. ....	.65	5.25
36 " 5/8 " .....	.85	8.00
36 " 1/4 " .....	.65	5.25
36 " 3/8 " .....	.65	5.25
42 " 1½ " .....	.75	6.00
42 " 1/4 " .....	.75	5.75
42 " 1½ " .....	.75	6.00
42 " 3/8 " .....	.75	6.00
42 " 5/8 "	1.00	9.00

The above dyed green, 10c. per 100 or 50c. per 1000 additional.

SQUARE PAINTED PLANT STAKES

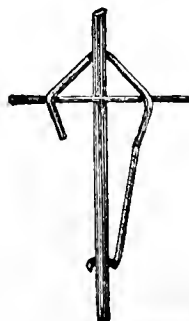
	Doz.	100		Doz.	100
1½ ft.	\$0.12	\$0.90	3½ ft.	\$0.54	\$3.80
2 ft. ....	.20	1.40	4 ft. ....	.62	4.40
2½ ft. ....	.28	2.00	5 ft. ....	.85	6.00
3 ft. ....	.45	3.20	6 ft.	1.07	7.60

STAKE FASTENERS

Corts Everlasting. Heavy, \$1.60 for 500; 1000, \$3.00.

Corts Eureka. Light, 85c. for 500; 1000, \$1.50.

Stakes, 80c. for 500, 1000 \$1.50.

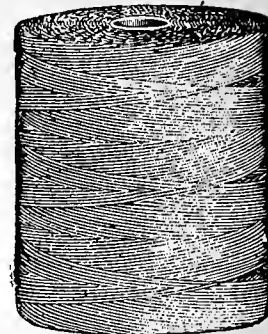


Corts Fastener

FLORISTS' SPECIAL TWINE

(See Cut)

For making bouquets, funeral work, stemming, etc. Color, Nile green; in 1-lb. spools. 45c. lb.; 5 lbs., \$2.10.

**RAFFIATAPE**

This article is made of a composition of paper and linen, and is tremendously strong. It is about 1/8 in. broad, and is put up in 250-yd. spools or reels. There is no waste, as the reel permits it to be hung from a buttonhole, and it can be used as needed. Color, Nile green. Per bolt of 250 yards, 50c.; 6 reels, \$2.75; \$5.25 for 12 reels.

TWINES, Etc.

Per ball Per lb.

No. 12. Light Italian Twine....	\$0.16	\$0.30
No. 18. Medium Italian Twine..	.16	.30
No. 24. Heavy Italian Twine...	.15	.28
No. 36. Heavy Italian Twine...	.15	.28
2-Ply, 3-Ply, 5-Ply Jute.....	.10	.17
Linen Bouquet, 3 lbs., \$1.10....	.06	.40
Boston Linen, 2 and 3-Ply.....	.18	.32
Green Sea Island.....	.08	.40
Jefferson, 3-Ply, White Cotton..	.07	.30
2-Ply Texas White Cotton.....	.05	.25
Tarred, for Mat Making.....	.17	
Tarred Sisal for Fodder.....		.11
Binder (5-lb. ball).....	.60	
Express, very heavy.....	.15	

Green Silkline. For stringing Smilax and Asparagus. Fast color and will not fade; very strong and will not break.

Price, per lb. (8 spools), F, fine; FF, medium; FFF, coarse

\$1.25. Price, per spool\$0.20

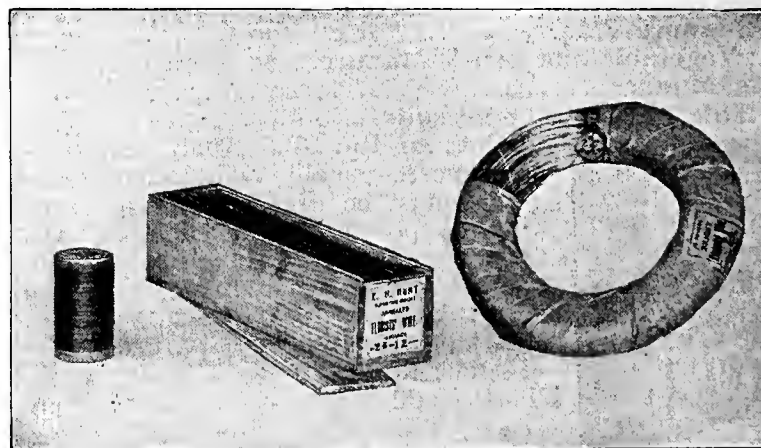
Green Linen (substitute for Silkline). Very similar to the above; fast color. Per lb., 75c.; \$3.50 for 5 lbs.

HEADQUARTERS FOR RAFFEA

We import this direct from Madagascar representatives who make a careful selection of long, broad strands for our trade.

Natural Color, 15c. lb., 10 lbs. \$1.25, \$11.00 per 100 lbs.

Colored or Dyed. Submit sample of shade desired. 35c. lb., 5 lbs. \$1.60, \$3.00 per 10 lb.

**WIRE (Price subject to change)****ANNEALED****GALVANIZED**

	Per 12-lb. stone		Per 12-lb. stone
No. 16	\$0.60	No. 16	\$0.75
No. 18 .....	.65	No. 18 .....	.80
No. 20 .....	.70	No. 19 .....	.85
No. 22 .....	.80	No. 20 .....	.90
No. 24 .....	.85	No. 22	1.05
No. 19, Tinned .....	.85	No. 24	1.20
No. 19, " cut 8½ in. long, 10-lb. box	\$1.10		

CUT BOUQUET WIRE

For Stemming Flowers, Etc.

No. 20. 9, 12 or 18 in., 10c. per lb., per box 12 lb.,	\$1.10.
No. 22. 9, 12 or 18 in., 11c. per lb., per box 12 lb.,	\$1.20.
No. 24. 9, 12 or 18 in., 14c. per lb., per box 12 lb.,	\$1.40.

MICHELL'S **RELIABLE** **GARDEN TOOLS, FERTILIZERS, 518 PHILA.**
SEEDS, BULBS, PLANTS POULTRY SUPPLIES, ETC. **MARKET ST.**

PLANT TUBS, POTS, ETC.



P. S.—The prices on clay flower pots, bulb pans and saucers are subject to a discount of 5 per cent. for cash with order, or if paid within 30 days.

STANDARD FLOWER POTS

Size	100	1000	Doz.	100	1000
1 1/4 inch.....	\$0.31	\$2.80	7 inch.....	\$0.63	\$4.20
2 ".....	.35	3.20	8 ".....	.95	5.88
2 1/4 ".....	.40	3.60	9 ".....	1.35	8.40
2 1/2 ".....	.48	4.40	10 ".....	1.85	11.34
3 ".....	.62	5.60			
3 1/2 ".....	.75	6.80			
4 ".....	Doz.		11 ".....	\$0.25	\$2.40
4 1/4 ".....	\$0.15	\$0.97	12 ".....	.35	3.40
4 1/2 ".....	.18	1.10	14 ".....	.50	5.50
5 ".....	.22	1.32	16 ".....	1.10	11.00
5 1/2 ".....	.28	1.76	18 ".....	1.50	16.50
6 ".....	.35	2.20	20 ".....	2.20	23.00
6 1/2 ".....	.42	2.64			
	.55	3.36			



BULB PANS (Earthenware)

Size	Each	Doz.	100	1000
6 inch.....	\$0.05	.50	2.64	24.00
7 ".....	.06	.60	3.26	32.00
8 ".....	.07	.75	4.20	40.00
9 ".....	.10	1.00	5.88	56.00
10 ".....	.12	1.25	7.56	72.00
12 ".....	.20	1.75	10.50	100.00
14 ".....	.35	3.50	21.90	
16 ".....	.60	6.00	42.00	
18 ".....	.85	9.00	65.00	

ORCHID RECEPTACLES (Earthenware)

Square Baskets	Round Pans
Each Doz.	Each Doz.
4 in. \$0.12 \$1.20	4 in. \$0.09 \$0.90
6 in. .... .20 2.00	5 in. .... .12 1.30
7 in. .... .25 2.50	6 in. .... .15 1.50
	8 in. .... .20 2.00
	10 in. .... .30 3.00

FERN DISH LINERS

Width	Height	Each	Doz.	100	1000
7 inch.....	1 1/8 inch.....	\$0.06	\$0.60	\$2.94	28.00

FERN PANS (Earthenware)

Width	Height	Each	Doz.	100
4 in.	1 1/8 in.....	\$0.03	\$0.27	\$1.32
4 1/4 in.	2 1/8 in.....	.04	.30	1.76
5 1/2 in.	2 1/4 in.....	.05	.37	2.20
6 1/4 in.	2 1/2 in.....	.06	.45	2.52
7 in.	2 3/8 in.....	.08	.49	2.94
8 in.	3 1/8 in.....	.09	.72	4.20
9 in.	3 1/4 in.....	.13	.86	5.04

The devices for lifting plants in and out of Jardinieres; also for suspending plants, such as Asparagus Sprengerii, Ferns, etc.

No.	For	Doz.	100
No. 1—	for 3 to 5-inch Pots.....	\$0.20	\$1.50
No. 2—	for 6 to 7-inch Pots.....	.25	1.75
No. 3—	for 8 to 10-inch Pots.....	.35	2.00

PERFECTION SINGLE WIRE POT HANGERS

50c. doz..... \$3.00 Per 100



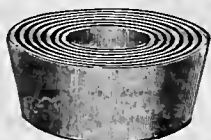
Wood Fibre Plant Tub

WOOD FIBRE PLANT TUBS

Complete with saucer
Plain Enamelled Green

Size	Each	Doz.	Each	Doz.
10 inch diameter.....	\$0.59	\$6.63	\$0.86	\$9.69
12 ".....	.68	7.65	1.04	11.73
14 ".....	1.35	15.30	1.80	20.40
18 ".....	3.60	40.80	4.50	47.25

Pot Hangers



Fern Pans

SQUARE SEED PANS

In.	Each	Doz.	In.	Each	Doz.
6x6	\$1.15	\$1.60	10x10	\$0.25	\$2.50
8x8	.20	2.00	12x12	.30	3.00

KRICK POT HANGERS

"NEPONSET" PAPER FLOWER POTS

They are the cheapest flower pots on the market. Made from the well-known Neponset Water-Proof Fabric, and for lightness, cleanliness and cheapness have no equal. Especially valuable for shipping plants by express.

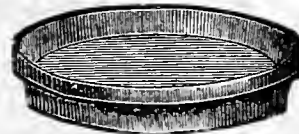
These Prices are net, no discount

Size	100	1000	Weight per 1000 pots	Size	100	1000	Weight per 1000 pots
2 1/4.....	\$0.30	\$2.42	20 pounds	4.....	\$0.80	\$6.60	38 pounds
2 1/2.....	.35	2.78	23 "	5.....	1.20	10.96	56 "
3.....	.45	3.82	33 "	6.....	1.65	14.68	74 "
3 1/2.....	.65	5.24	44 "				

500 of any of the above in one size at 1000 rate

FLOWER POT SAUCERS (Earthenware)

Size	Doz.	100	Size	Doz.	100
4 inch.....	\$0.13	\$0.79	9 inch.....	\$0.55	\$3.36
5 ".....	.16	.99	10 ".....	.67	4.20
6 ".....	.23	1.32	11 ".....	.80	5.04
7 ".....	.27	1.68	12 ".....	1.00	6.30
8 ".....	.40	2.52	14 ".....	1.65	10.50



FLOWER POT SAUCERS

Made of Wood Fibre Ware

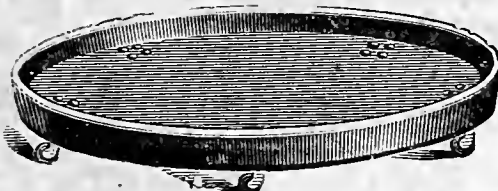
Unbreakable. Are not porous and will protect woodwork, tables, etc., on which plants are to stand.

Size	Each	Doz.	100	Size	Each	Doz.	100
4 inch.....	\$0.10	\$1.03	\$8.32	10 inch.....	\$0.16	\$1.80	\$13.72
5 ".....	.11	1.20	9.69	12 ".....	.18	2.04	16.15
6 ".....	.12	1.32	10.09	14 ".....	.24	2.76	21.40
7 ".....	.13	1.40	10.89	16 ".....	.42	4.68	37.20
8 ".....	.13	1.48	11.71	18 ".....	.50	5.64	44.41
9 ".....	.15	1.68	12.92				

ROLLING STANDS

Made of Indurated Fibre Ware

Water cannot soak through. Every heavy plant sold needs one to save carpets and floors. Can be moved about with ease.



Size	Each	Doz.	Size	Each	Doz.
12 inch.....	\$0.50	\$5.61	18 inch.....	\$0.81	\$9.18
14 ".....	.59	6.63	20 ".....	.99	11.22
16 ".....	.72	7.16	22 ".....	1.24	14.02

WHITE CEDAR PLANT TUBS

With black iron hoops. Our cedar tubs are all made of extra quality wood by hand, and will be found far superior in every way to the regular machine made tub. Measurements are outside.



Cedar Plant Tub

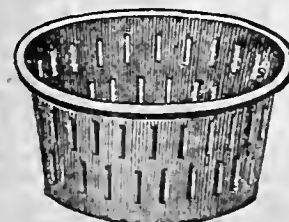
No.	Diam.	Length of Stave	Price
No. 0	27 in.	24 in.	\$4.75
No. 1	25 "	22 "	4.25
No. 2	23 "	21 "	3.75
No. 3	21 "	18 "	3.25
No. 4	19 1/2 "	16 "	2.65
No. 5	18 "	14 "	2.40
No. 6	16 1/2 "	13 "	1.85
No. 7	15 "	11 "	1.60
No. 8	12 "	10 "	1.50

WHITE CEDAR PLANT TUBS

With Extra Heavy Galvanized Hoops

No. 0.....	\$5.15	No. 5.....	\$2.65
No. 1.....	4.60	No. 6.....	2.15
No. 2.....	4.15	No. 7.....	1.85
No. 3.....	3.65	No. 8.....	1.70
No. 4.....	2.95		

ORCHID RECEPTACLES

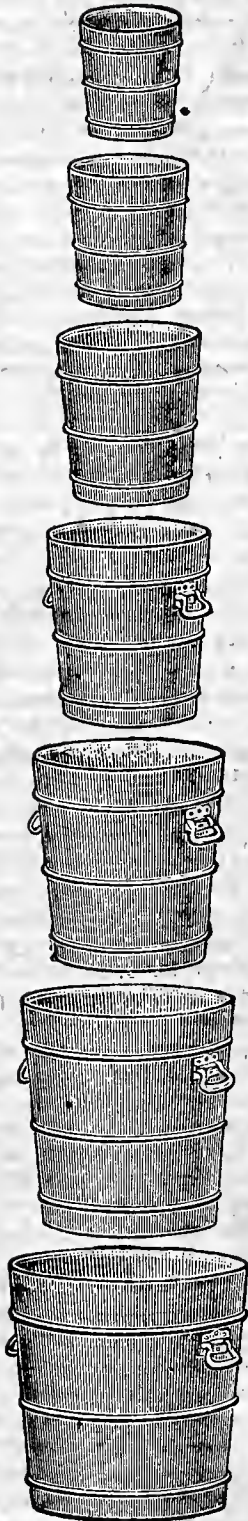


Orchid Pan

Round Earthen Pans			Square Earthen Baskets		
	Each	Doz.		Each	Doz.
4 in .	\$0.09	\$0.90	4 in .	\$0.12	\$1.20
5 " .	.12	1.30	6 " .	.20	2.00
6 " .	.15	1.50	7 " .	.25	2.50
8 " .	.20	2.00			
10 " .	.30	3.00			

MICHELL'S KEYSTONE PLANT TUB

THE MOST ECONOMICAL TUB FOR THE FLORIST



PLANTS; large or small, appear always to better advantage when planted in tubs instead of pots. They are easier handled because they are much lighter in weight; they are more attractive, and bring a higher price. Tubs have welded hoops, except bottom hoop, which is flat, (and neat handles, when desired, at extra prices as mentioned below). Unlike pots, they do not break, nor do they require special packing when used in shipping. Made of white cedar, they are by far the *cheapest, neatest, lightest, and best* florist tub put on the market.

Please note the full assortment of sizes, all of them being painted inside and out and their tops finished round bevel.

SPECIAL PAIL TUBS No. 2

The best low-priced palm tub on the market, painted green with electrically welded hoops. Diameter inside 10 $\frac{3}{4}$ inches at top, diameter inside 8 $\frac{3}{4}$ inches at bottom, depth 8 inches. See each, dozen \$3.00, \$22.50 per 100.

PRICES

Size No.	Inside Top Diam.	Inside Bottom Diam.	Inside Depth	Thickness of Stave	Price Each	Dozen	Per 100
1	6	5	6	$\frac{3}{8}$	\$0.25	\$2.50	\$20.00
2	7	5	7	$\frac{3}{8}$	.28	3.00	24.00
3	8	6	8	$\frac{3}{8}$	.30	3.25	25.00
4	9	7	9	$\frac{3}{8}$	.35	3.50	26.00
5	10	7 $\frac{1}{2}$	9	$\frac{7}{16}$	.40	3.75	30.00
6	11	8 $\frac{1}{2}$	10	$\frac{1}{2}$	.45	4.75	37.50
7	12	9	11	$\frac{1}{2}$	.50	5.75	47.50
8	13	10	12	$\frac{1}{2}$	.65	7.00	57.50
9	14	11	13	$\frac{5}{8}$	.70	7.75	62.50
10	15	11 $\frac{1}{2}$	14	$\frac{5}{8}$	.80	8.75	71.00
11	16	12 $\frac{1}{2}$	15	$\frac{5}{8}$	.95	9.75	77.50
12	17	13 $\frac{1}{2}$	16	$\frac{5}{8}$	1.00	11.25	92.00
13	18	14 $\frac{1}{2}$	17	$\frac{5}{8}$	1.30	14.00	115.00
14	19	15 $\frac{1}{2}$	18	$\frac{5}{8}$	1.45	17.00	135.00

None of these Tubs are equipped with handles at the above prices.

If stamped steel side handles are wanted, add 7 cents to the price of each Tub in single or dozen lots; 6 cents each in 100 lots. These handles are not sold attached to the tub.

Michell's "Anylength" Greenhouse Hose

AT A SPECIAL PRICE

Every florist knows how difficult it is to get hose that will stand all the racks of the greenhouse. It's just six years since we began selling this one ("Michell's Anylength"), and we can't help recommending it in the highest terms. It's mighty tough, very flexible, and best of all

it's a wearer with a record behind it; can be had any length up to 500 feet; made by the inventors of continuous length hose. (Write for a free sample.)



"YOU CAN'T KINK IT"

SPECIAL LOW PRICES FOR 1914

14 $\frac{1}{2}$ c. PER FOOT

*500 feet.....\$67.50.

25 feet sections and upward coupled free.